Canon

Windows

Image Viewing, Organizing and Editing Software

ZoomBrowser EX

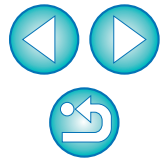
Ver. 6.1

Instruction Manual

- In this manual, ZB is used for ZoomBrowser EX.
- In this manual, the windows used in the examples are from Windows XP.
- Click on the icons below on the bottom right of the screen to switch between pages.

  : Go to next page : Go to previous page

  : Return to a page you had previously displayed
- Click on the chapter headings on the right side of the screen to switch to the contents page of each chapter.



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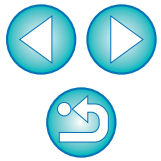

Introduction

Main Features of ZB

- **Download images to your computer**
- **Check images**
- **Print images**
- **Organize images**
- **Edit images**
  - Adjust images
  - Trim images
  - Insert text
  - Correct red-eye
- **Utilize images**
  - Attach an image to an e-mail
  - Create wallpaper or a screen saver
- **Convert images**
  - Change image size and type

Symbols Used

▶ : Selection procedure for menus that appear on the computer screen

[ ] : Names of items and menus, buttons, windows, etc. that appear on the computer screen

< >: Camera switch name or icon, or a keyboard key name

p.** : Reference page (jump to page by clicking)

: Help

: Tip

: Important information

: Helpful information

Makeup of Each Chapter

Chapter 1 Basic Operation

- Starting up and exiting ZB
- Downloading images to your computer
- Checking images
- Printing images

Chapter 2 Advanced Operation

- Efficient checking of images
- Organizing images
- Editing images
- Utilizing images
- Index printing

Chapter 3 High-Level Functions

- Checking images with high-level functions
- Organizing images with high-level functions
- Advanced image editing
- Editing RAW images
- Printing with other software

Chapter 4 Preferences

- Settings for all functions

Reference

- Solving problems
- Uninstalling ZB
- System requirements
- Supported images
- Lists of primary window functions

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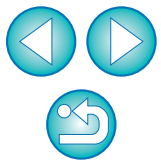

1 Basic Operation

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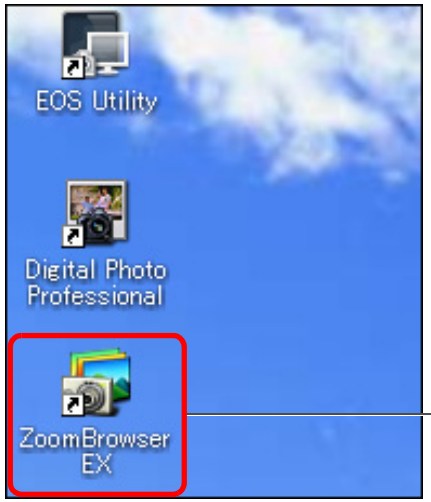
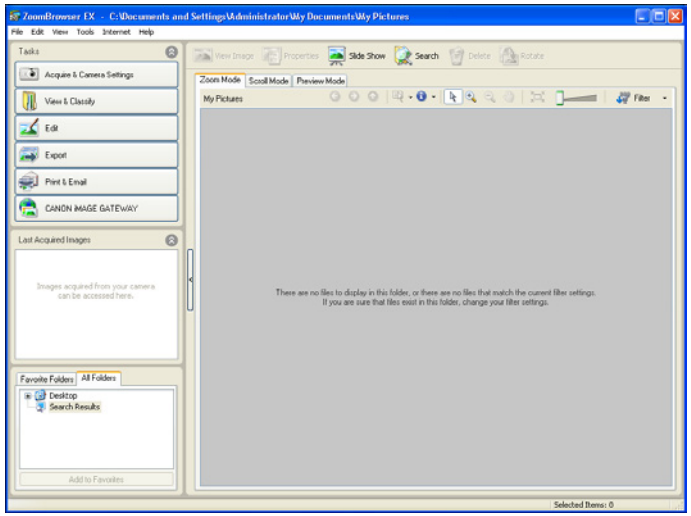
Starting up ZB

Double-click the desktop icon.



➜ZB starts up and the main window appears.

Main window

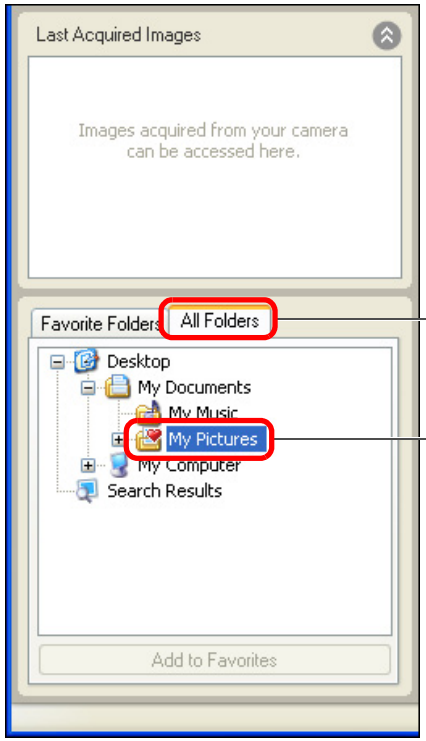


The [CANON iMAGE GATEWAY] button may not be displayed depending on the area you are in.

Downloading an Image to Your Computer

Connect the camera and computer with the cable provided and download the images saved on the memory card inside the camera. For downloading images, start up the camera software “EOS Utility” from ZB and use.

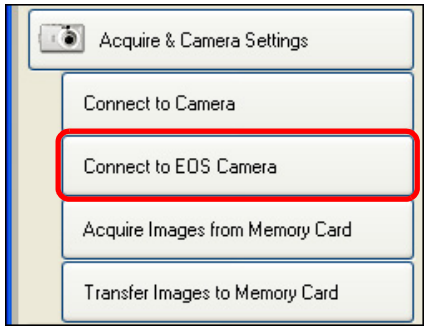
1 Select the save destination for the images.



● When creating a folder, refer to p.24.

2 Start up EOS Utility.

- Click the buttons [Acquire & Camera Settings] ▶ [Connect to EOS Camera].

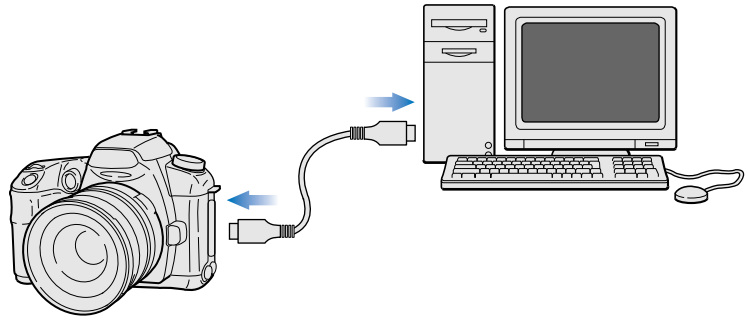

Acquire & Camera Settings
Connect to Camera
Connect to EOS Camera
Acquire Images from Memory Card
Transfer Images to Memory Card

➜EOS Utility starts up.

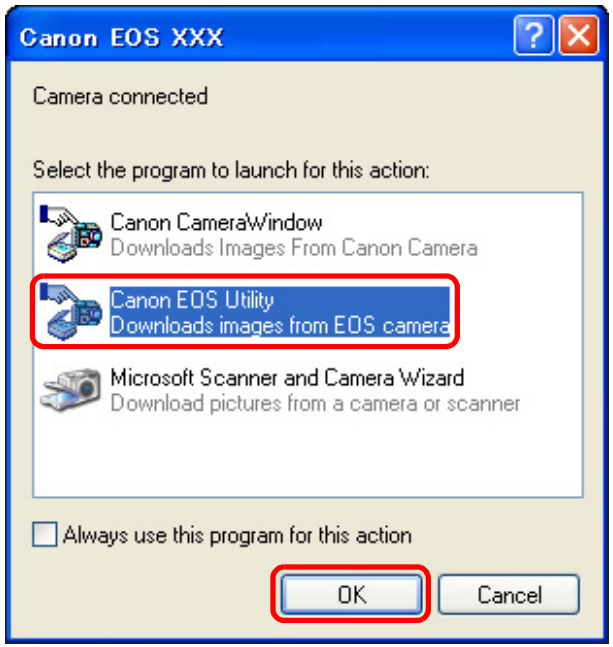
EOS Utility

3 Connect your camera and computer and turn the camera on.

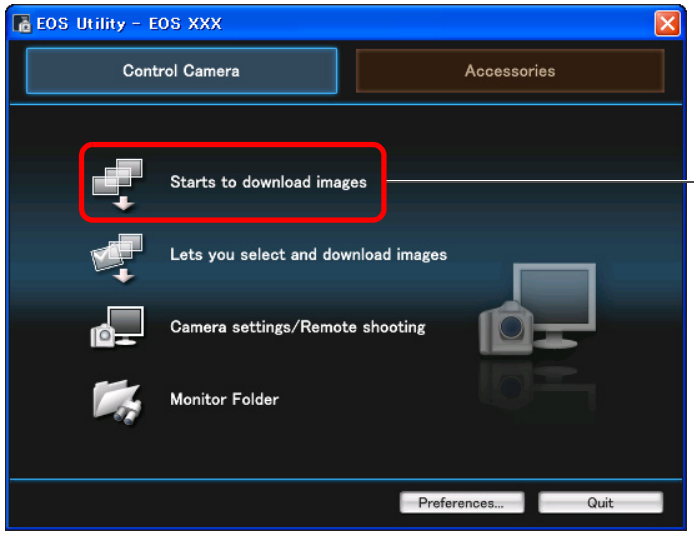
- Connect the camera and your computer with the interface cable provided with the camera and turn the camera on.
- For detailed instructions on connecting your camera and computer, refer to the “EOS Utility Instruction Manual” (PDF electronic manual).



- When the dialog box below appears, select [Canon EOS Utility] and then click the [OK] button.


Canon EOS XXX
Camera connected
Select the program to launch for this action:
Canon CameraWindow
Downloads Images From Canon Camera
Canon EOS Utility
Downloads images from EOS camera
Microsoft Scanner and Camera Wizard
Download pictures from a camera or scanner
Always use this program for this action
OK
Cancel

4 Download images.



Click

➜Downloading of images begins.

➜The downloaded images are saved in the folder selected in step 1 and are displayed in the main window of ZB.

➜The downloaded images are sorted into folders by date and saved.

● Click the EOS Utility [Quit] button to exit EOS Utility and turn the camera's power switch to < OFF >.

Advantages of using EOS Utility to download images

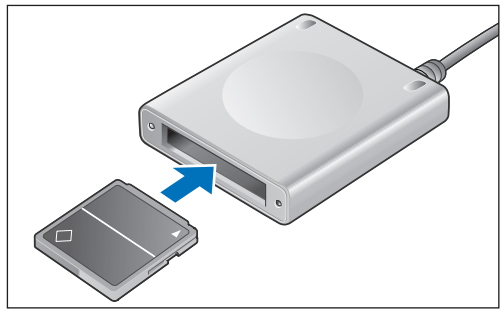
Using EOS Utility to download images makes it easier to organize your images as they are downloaded, sorted and saved into folders by date.

Downloading Images Using Your Card Reader

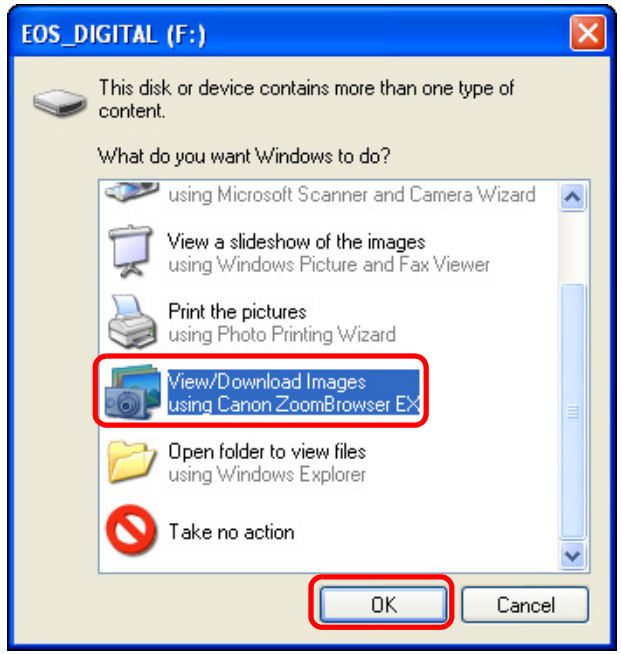
You can also download images to the computer using a third-party card reader.

1 Select the save destination for the images (p.7).

2 Load the memory card into the card reader.



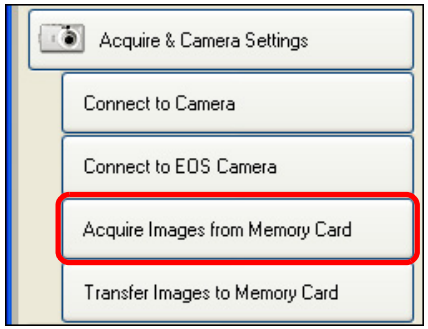
● When the dialog box below appears, select [using Canon ZoomBrowser EX] and then click the [OK] button. ZB starts up.


EOS_DIGITAL (F:)
This disk or device contains more than one type of content.
What do you want Windows to do?
using Microsoft Scanner and Camera Wizard
View a slideshow of the images using Windows Picture and Fax Viewer
Print the pictures using Photo Printing Wizard
View/Download Images using Canon ZoomBrowser EX
Open folder to view files using Windows Explorer
Take no action
OK
Cancel

➜Proceed to step 4.

3 Start up ZB.

- Click the buttons [Acquire & Camera Settings] ▶ [Acquire Images from Memory Card].


Acquire & Camera Settings
Connect to Camera
Connect to EOS Camera
Acquire Images from Memory Card
Transfer Images to Memory Card

➜Download images window appears.

4 Download images.

Download images window

➜Downloading of images begins.

➜The downloaded images are saved in the folder selected in step 1 and are displayed in the main window of ZB.

➜The downloaded images are sorted into folders by date and saved.

- Click the [Exit] button to exit Download images window.

Advantages of using ZB to download images

Using ZB to download images makes it easier to organize your images as they are downloaded, sorted and saved into folders by date.

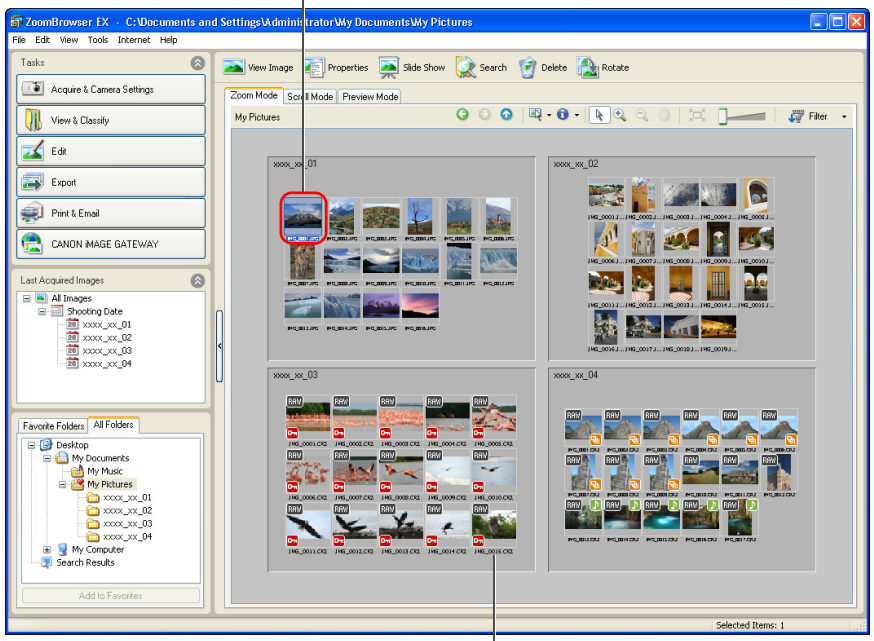
Viewing an Image

Images downloaded to your computer are displayed as a thumbnails list in the main window. You can double-click an image to open the viewer window and display the image at a larger size.

View Images as Thumbnails in the Main Window

Click to select the image

Main window



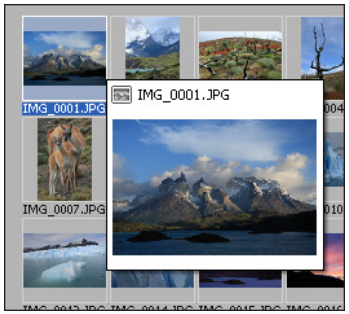
Display thumbnails of all the images inside the folder selected in the folder area on the left

- To select multiple images, click on the images while holding down the < Ctrl > key on the keyboard.

Simple Display Function

Move the cursor over the image with the mouse and you can check images that are displayed in the simple display window (mouse over window).
To deactivate simple display, click on [ ] on the top of the window, select [Show Mouse Over Windows] from the menu and remove the check mark.

Simple display window

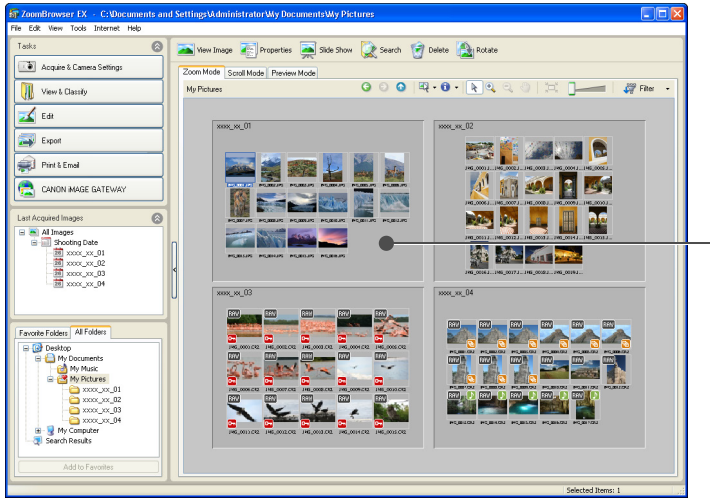


For a list of the main window functions, refer to p.73.

Enlarging a Selected Folder

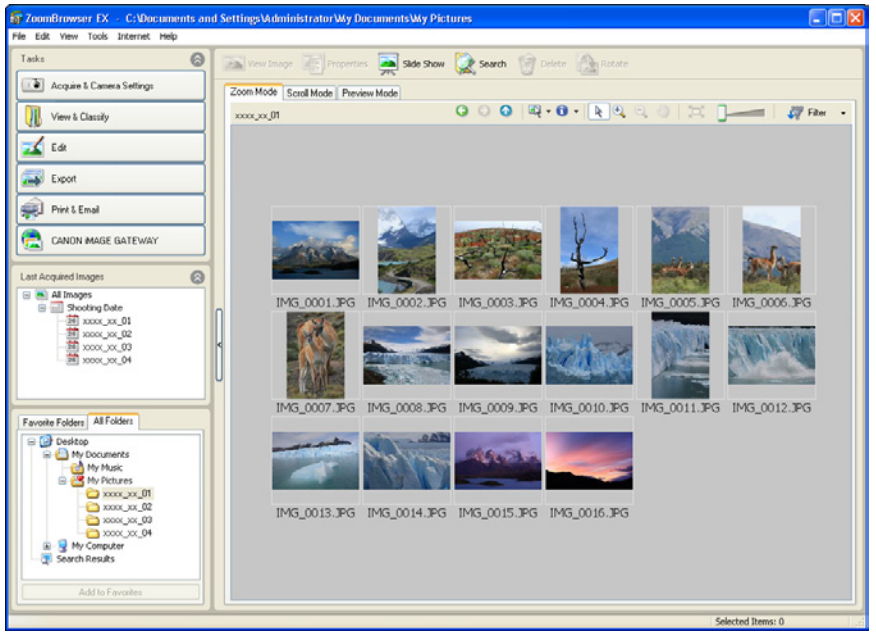
Images downloaded to your computer are displayed in folders in the main window. Double-click on an empty part of the folder you want to enlarge to zoom in and display the images inside that folder at a larger size.

Enlarge folders.



Double-click on an empty part of the folder

➜The folder you have double-clicked zooms in.



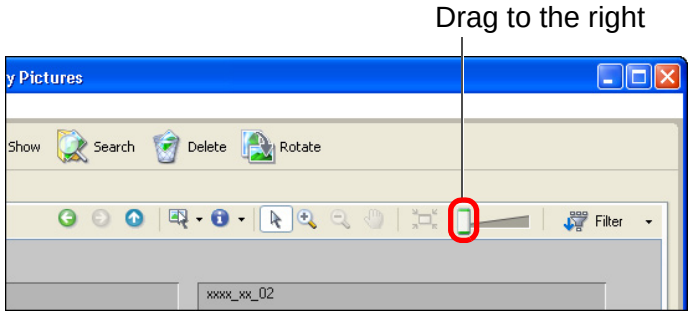
- To revert to the folder size before enlarging, click [ ] on the top of the window.

You can change the speed at which a folder zooms in (p.66).

Changing the Display Magnification

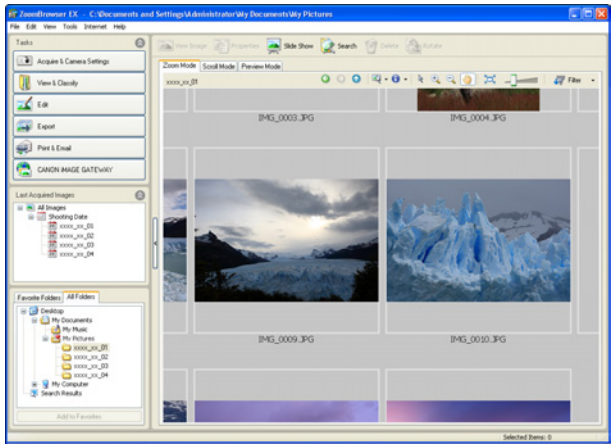
If you have many images inside a folder and they are small and difficult to see, you can change the display magnification and display the images at a larger size.

Change the display magnification.

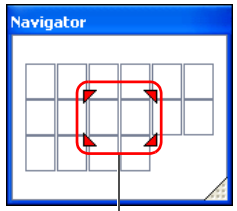


- You can also change the display magnification by clicking [ ] or [ ].

➜The display magnification of the images changes.



Navigator window



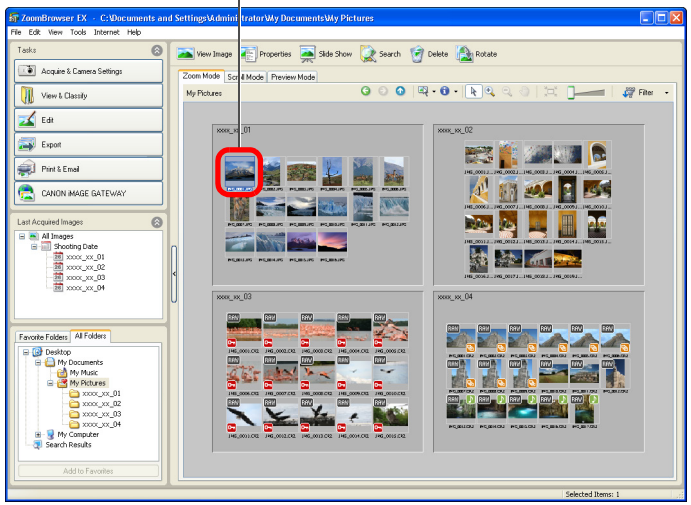
Enlargement display position
Drag to move the enlargement display position

- The [Navigator] window appears and you can check and move the enlargement display position.
- You can also move the enlargement display position by clicking [ ] on the top of the window and dragging over the window.
- To return to full view, click [ ] on the top of the window.

Enlarging and Viewing Images One at a Time

1 Double-click an image to enlarge.

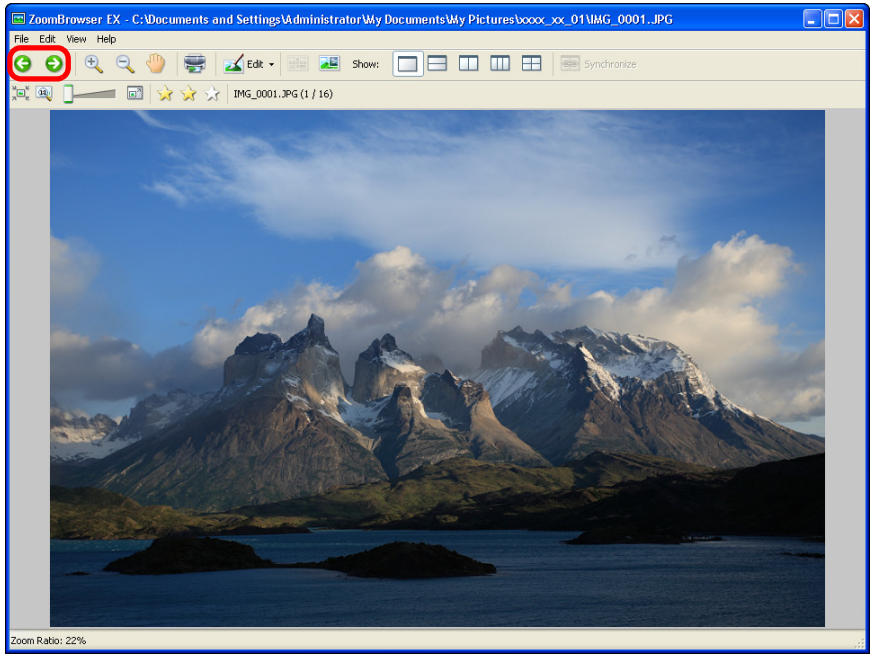
Double-click



➜The viewer window appears.

2 Click [ ] or [ ] to switch to the image you want to display.

Viewer window


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures\xxxx_xx_01\IMG_0001.JPG
File Edit View Help
Show:
IMG_0001.JPG (1 / 16)
Zoom Ratio: 22%

- The shooting information is displayed by clicking [ ] on the top of the window.
- To exit the viewer window, click [ ] on the top right of the window.

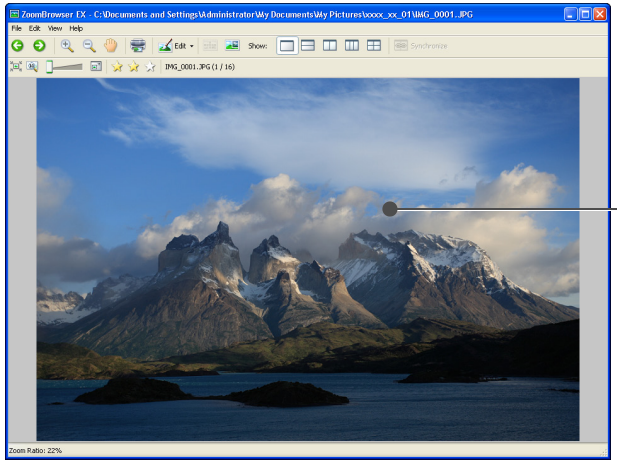
? When you display RAW images in the viewer window

The [Display Original Image] button appears at the bottom of the window. Click this button to display the processed image.

For a list of viewer window functions, refer to p.76.

Displaying an Image Across the Whole Window (Full View Display)

Double-click on the image you want to display across the whole window.



- You can also display the image across the whole window by clicking [ ] on the top of the window.

➜ The image is enlarged and displayed across the whole window.

- To return to the viewer window, click on the window or press the < Esc > key on the keyboard.

Printing an Image

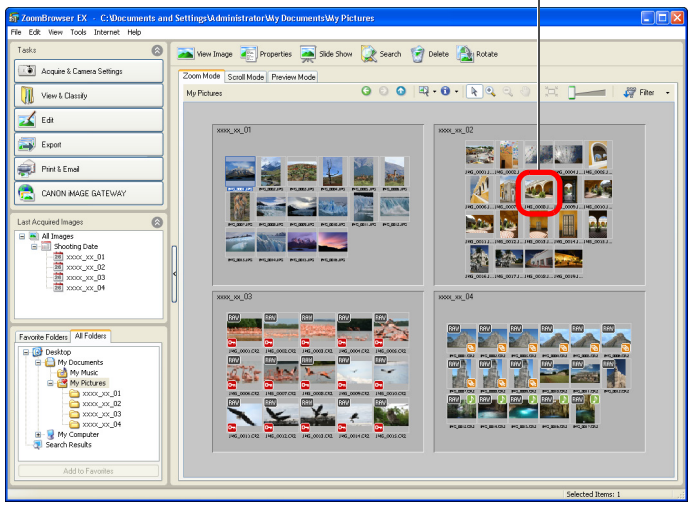
This section explains how to print one image on one sheet of paper, and how to print using Easy-PhotoPrint EX.

Printing One Image on One Sheet of Paper

You can print one image on one sheet of paper.

1 Select the image to be printed.

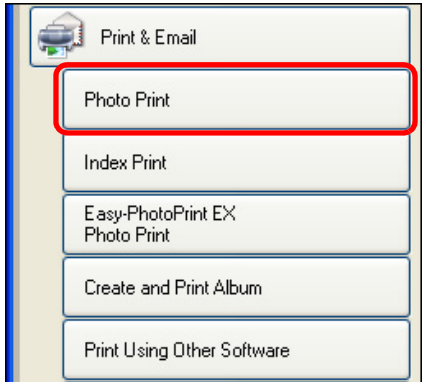
Click



- To select multiple images, click on the images while holding down the < Ctrl > key on the keyboard.
- You can select all the images inside a folder by clicking on an empty part of the folder.

2 Display the print settings window.

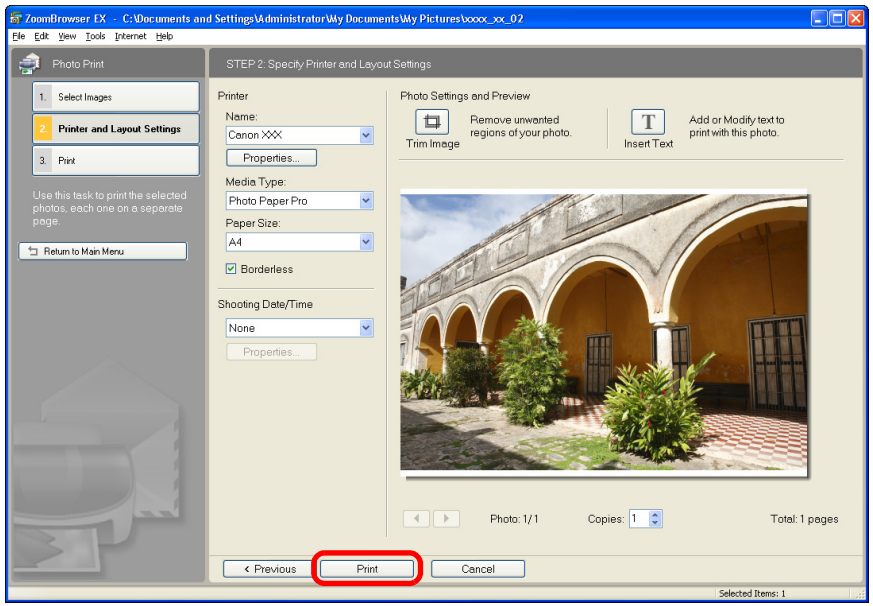
- Click the buttons [Print & Email] ▶ [Photo Print].



➜The [Photo Print] window appears.

3 Set the paper size and other settings, and then click the [Print] button.

Photo Print window



➜Printing begins.

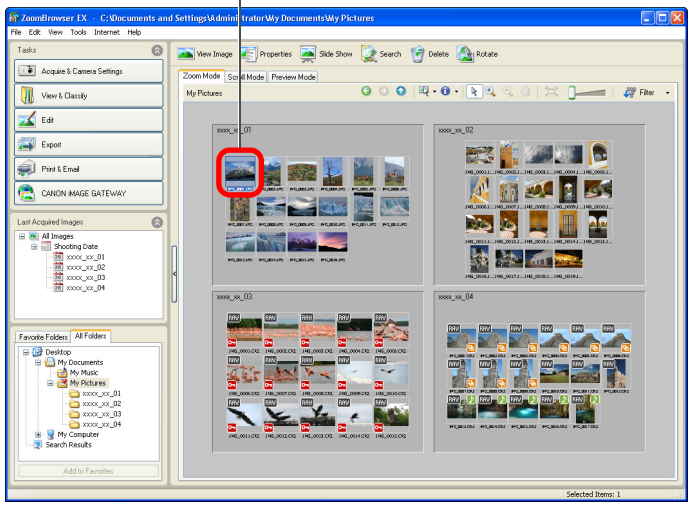
For a list of photo print window functions, refer to p.77.

Printing an Image Using Easy-PhotoPrint EX

If you have an inkjet printer that is compatible with the Easy-PhotoPrint EX (hereinafter, “EPP EX”) software for Canon printers, you can start up EPP EX from within ZB and easily perform high-quality photo printing.
To perform this printing, it is necessary to first install EPP EX version 1.0 or later on your computer.
Also, Easy-PhotoPrint users can select [Easy-PhotoPrint] in step 2 and print following the same steps.

1 Select the image to be printed.

Click



- To select multiple images, click on the images while holding down the < Ctrl > key on the keyboard.
- You can select all the images inside a folder by clicking on an empty part of the folder.

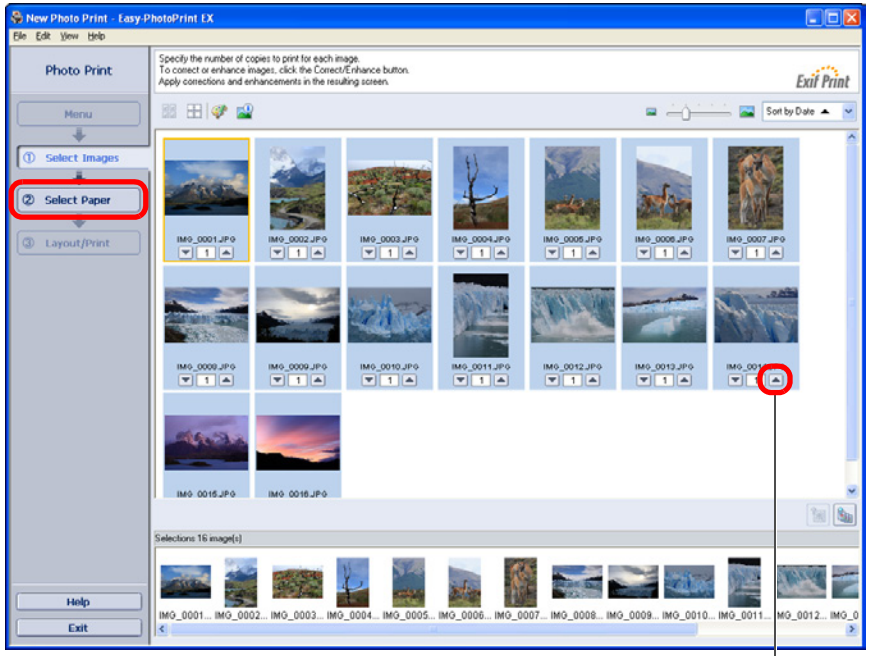
2 Start up EPP EX.

- Click the buttons [Print & Email] ▶ [Easy-PhotoPrint EX Photo Print].

➜EPP EX starts up.

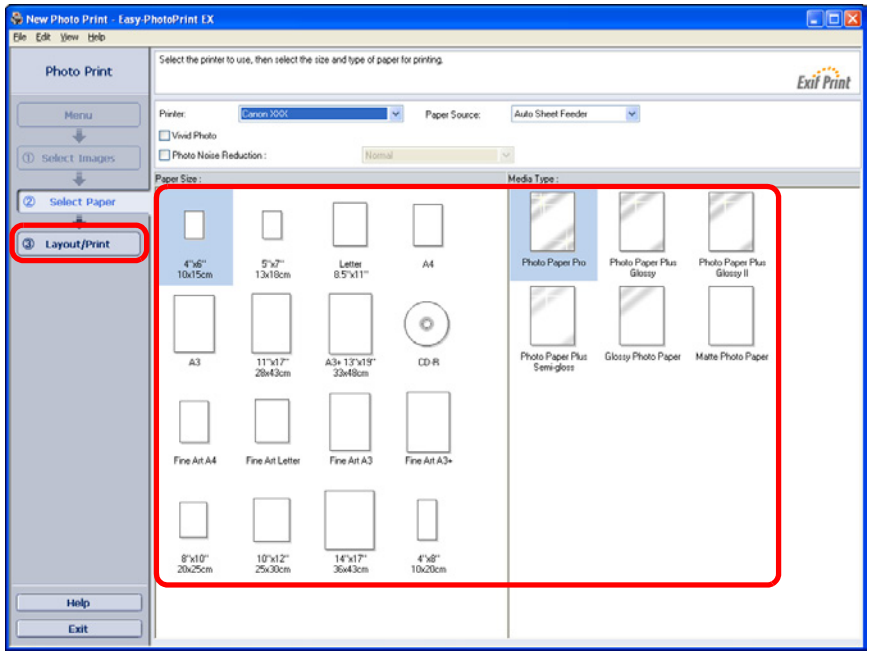
3 Specify the number of copies to be printed and then click [Select Paper].

Easy-PhotoPrint EX

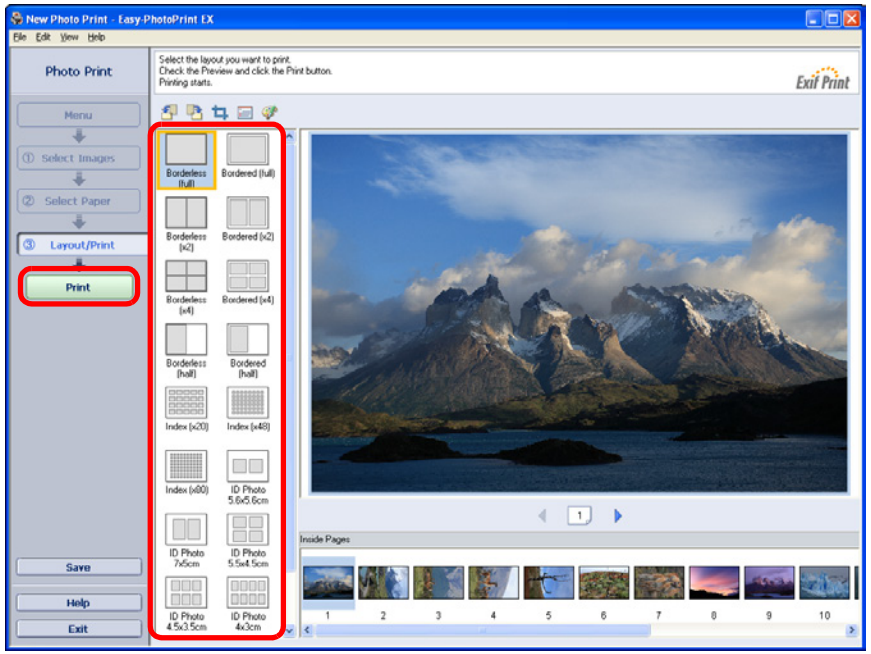


Click to increase the number of copies to be printed

4 Specify the paper size and then click [Layout/Print].



5 Specify the layout and then click the [Print] button.



➜Printing begins.

You can also create an album with EPP EX by clicking the [Create and Print Album] button in the menu in step 2.

Exiting ZB

In the main window, select the [File] menu ▶ [Exit].

➜ZB exits.

2 Advanced Operation

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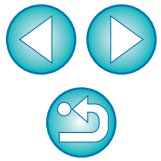


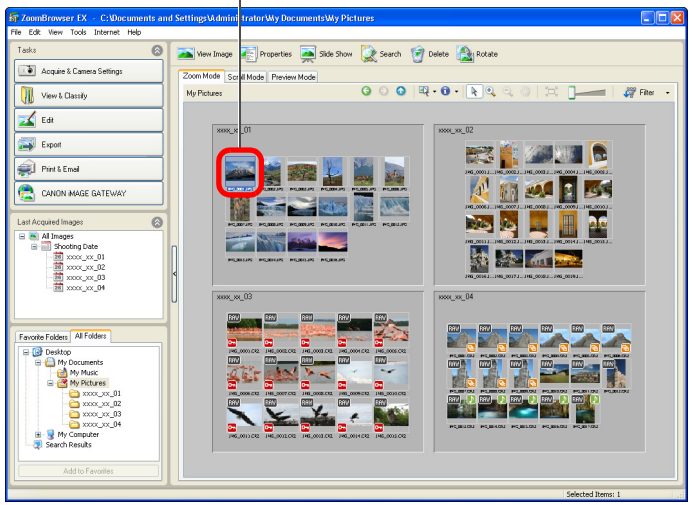
Checking/Sorting Images

You can enlarge images one at a time from a list in the main window and check what they look like in detail, and sort them into one of three groups with [★] (ratings).

Enlarging and Checking Images One at a Time

1 Double-click on the image on the top left of the main window.

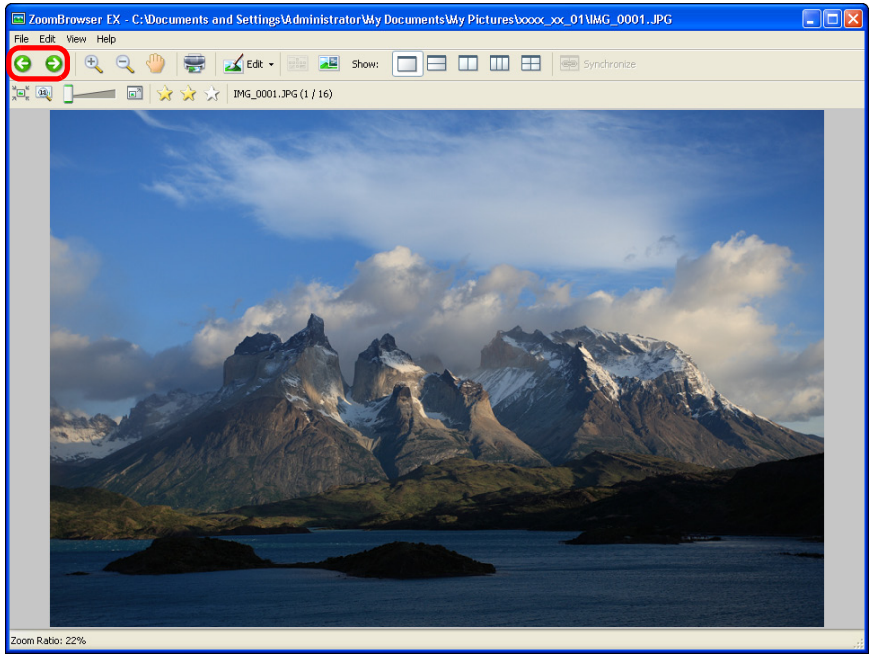
Double-click



➜The viewer window appears.

2 Click [◀] or [▶] to switch to the image you want to display.

Viewer window


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures\xxxx_xx_01\IMG_0001.JPG
File Edit View Help
IMG_0001.JPG (1 / 16)
Zoom Ratio: 22%

- The shooting information is displayed by clicking [▣] on the top of the window.
- To exit the viewer window, click [✕] on the top right of the window.

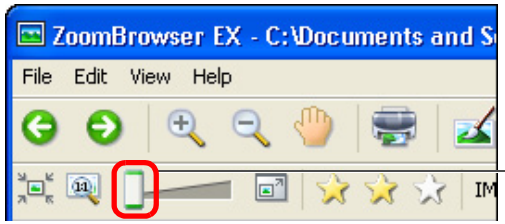
To display only selected images in the viewer window

Select multiple images in the main window (p.11) and then click on [View Image] on the top left of the main window (p.73) to display only the selected images in the viewer window.

For a list of viewer window functions, refer to p.76.

Enlarging a Specific Part of an Image

1 Enlarge an image.



Drag to the right

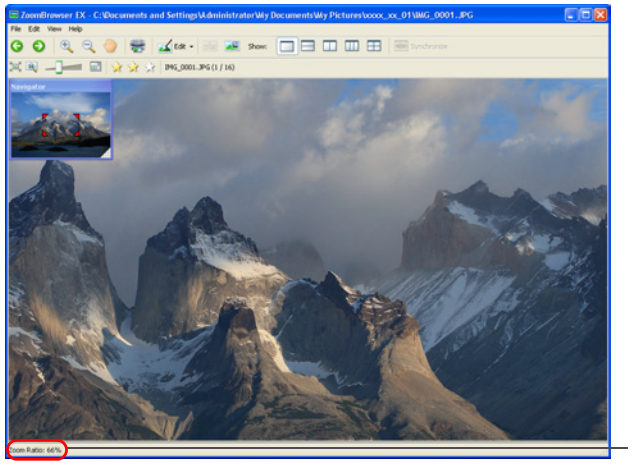
- You can also change the display magnification by clicking [ ] or [ ].

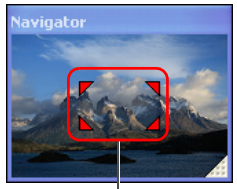
➜The image enlarges and the [Navigator] window appears.

2 Display the part of the image you want to check.

- Drag the enlargement display position in the [Navigator] window and display the part of the image you want to check.

Navigator window





Enlargement display position
Drag to move the enlargement display position

Enlargement ratio

- You can also move the enlargement display position by clicking [ ] on the top left of the window and dragging over the window.
- To return to full view, click [ ] on the top left of the window.

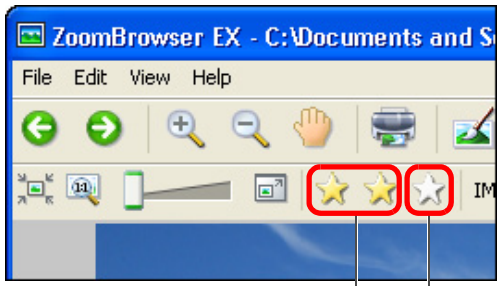
? Enlarging RAW images

RAW images cannot be enlarged before they are processed. By clicking the [Display Original Image] button on the bottom of the window, the image is processed and it can be enlarged.

Sorting Images

You can sort images into one of three groups by attaching [ ] (ratings) according to photo subject or theme. Please note that [ ] is automatically attached to images shot with your camera.

Increase or decrease a rating.



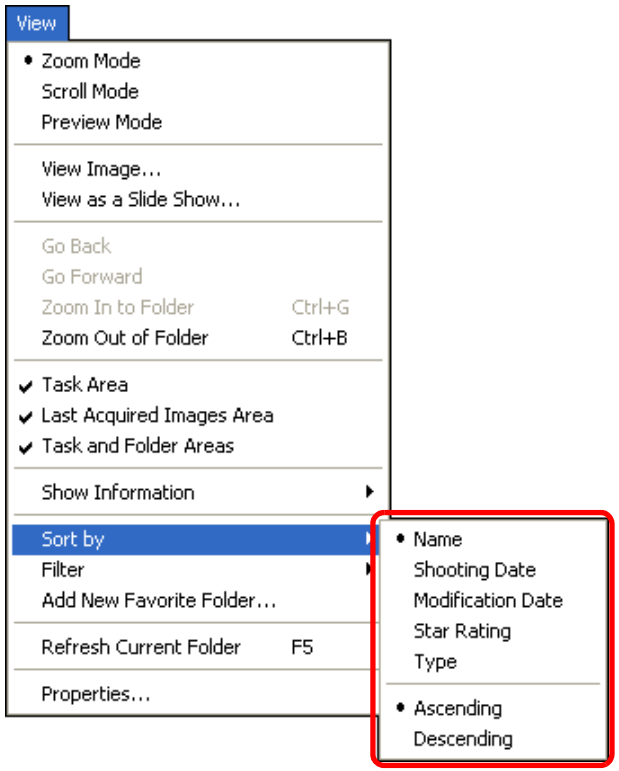
Click to increase

Click to decrease

Arranging Images in the Main Window

You can arrange images in order of how many [★] you have attached to it (ratings), or according to the image's shooting date and time.

Select the [View] menu ▶ [Sort by] ▶ desired item.



➜The images are arranged in the order according to the selected item.

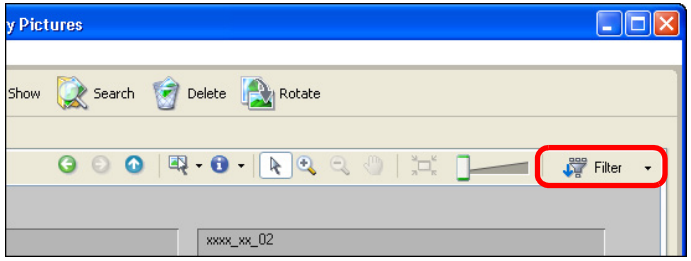
Sort item	Description
Star Rating	Images are arranged in the order of the least number of [★].
Name	Image file names are arranged in the order of 0 – 9 → a – z.
Shooting Date	Images are arranged in the order of most recently shot.
Modification Date	Images are arranged in the order of most recently updated.
Type	Images are arranged in the order of BMP images → RAW images → JPEG images → TIFF images.

Ascending	Images are arranged from top to bottom in order of sorting criteria.
Descending	Images are arranged from bottom to top in order of sorting criteria.

Extracting Images You Want to Display (Filter Display)

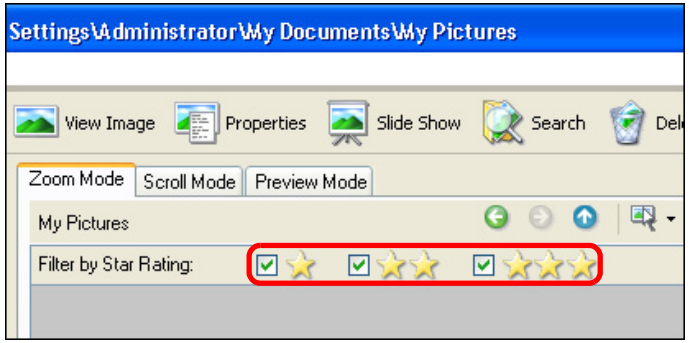
You can extract images displayed in the main window by the number of [★] you have attached to them (ratings).

1 Click the [Filter] button.



➜The extract function appears.

2 Checkmark the number of [★] you want to extract and display.



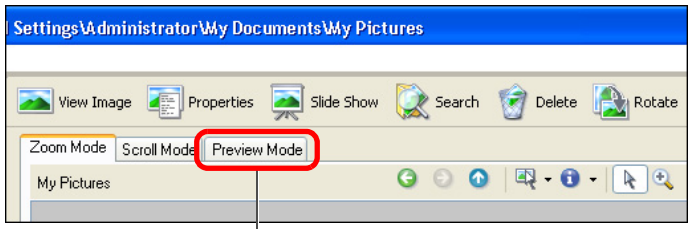
➜Only the images with the number of [★] you have checkmarked are displayed in the main window.

● To exit the extract display, click the [Filter] button again.

Efficiently Checking/Sorting Images

With Preview Mode that displays images as thumbnails and as single images in the same window, you can sort images by the number of [★] while checking efficiently. You can also simultaneously check shooting information for images.

1 Enable Preview Mode.

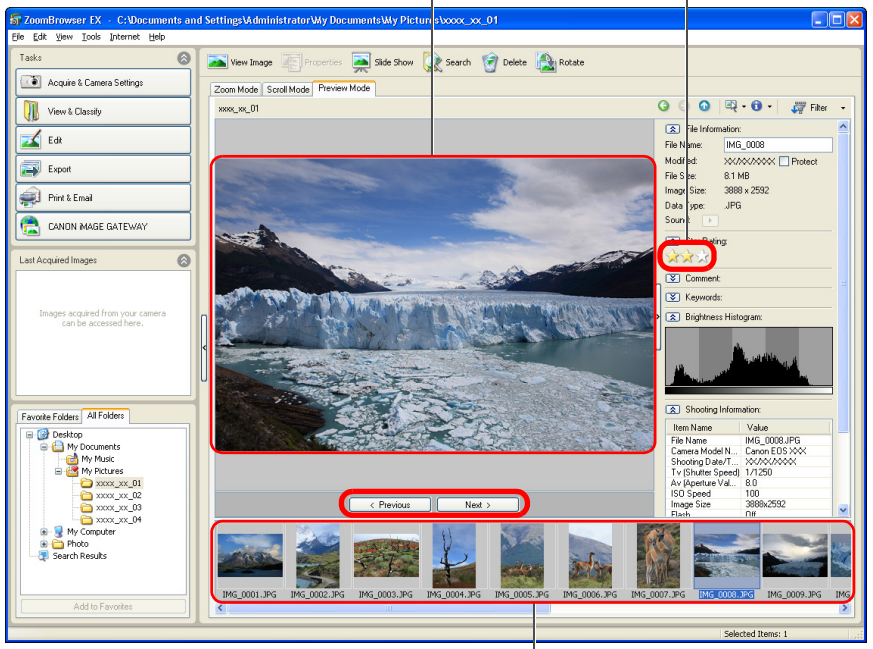


➜The main window display switches to Preview Mode.

2 Click the [Next >] or the [< Previous] button to switch to the image you want to check, and then sort with the number of [★].

The selected image is enlarged in the center of the window

Click to increase or decrease



Thumbnail image display area

- You can also click on the image in the thumbnail image display area to display the image enlarged in the center of the window.

? When a folder icon appears in the thumbnail image display area

You can double-click the folder icon to display the images in the folder in the thumbnail image display area.

For a list of Preview Mode functions, refer to p.75.

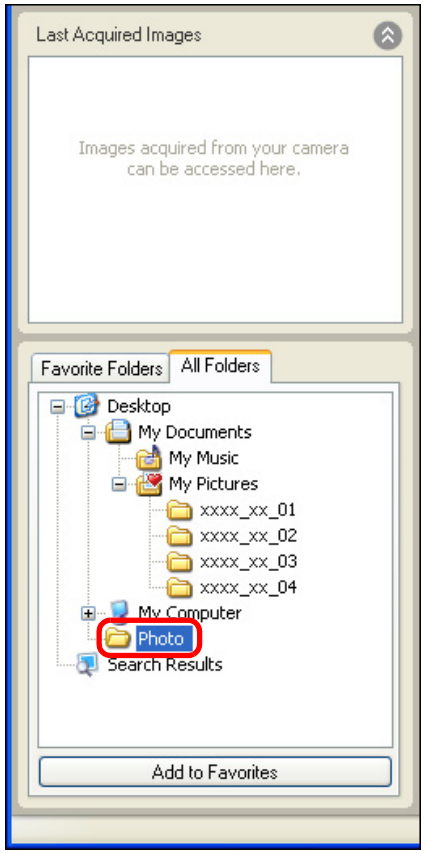
Organizing Images

This section explains functions that are useful for organizing images such as creating new folders for saving sorted images, moving and copying images and deleting unwanted images.

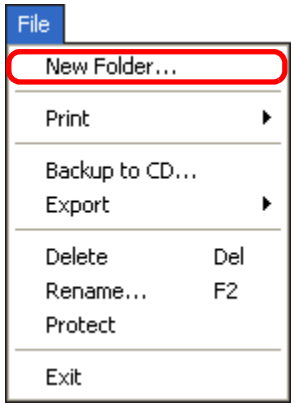
Creating a Folder for Saving Images

You can create a folder to save sorted images.

1 In the folder area, select the location where the new folder is to be created.



2 Select the [File] menu ▶ [New Folder].



➜The [New Folder] dialog box appears.

3 Enter a folder name and click the [OK] button.

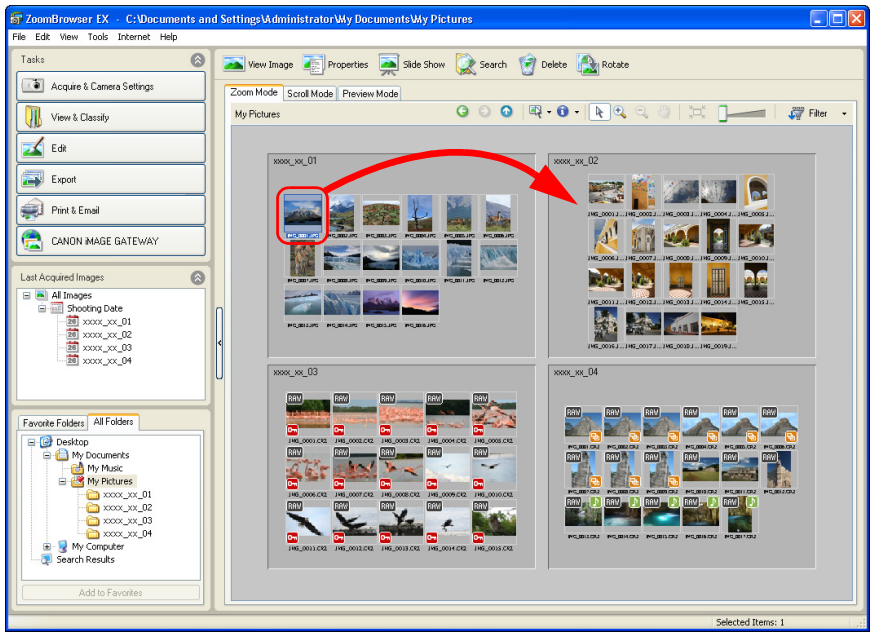
➜The new folder is created in the folder selected in step 1.

Moving Images

You can move or copy images to separate folders and organize them according to shot date or theme.

Drag the image to be moved or copied.

- To move:Drag the image and release when the image is in the destination folder.
- To copy: Drag the image while holding down the < Ctrl > key and release when the image is in the destination folder.



➜The image is moved or copied to the folder it was dragged to.

Moving images to a folder in the folder area

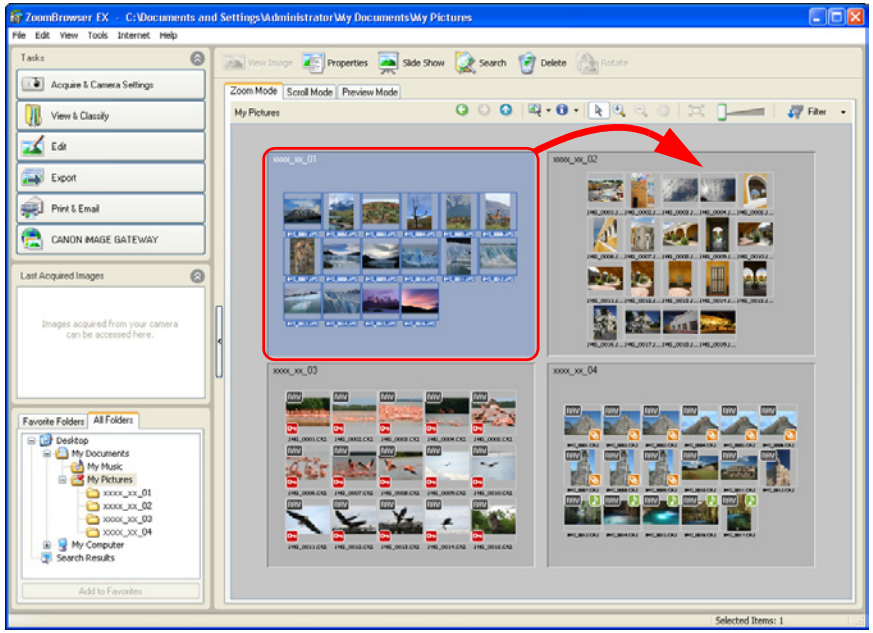
Drag an image in the main window to a folder in the folder area on the bottom left of the window in the same way as described above to move or copy the image.

Moving Images in Folders

You can move or copy folders that contain images, and organize images in folders.

Drag the folder to be moved or copied.

- To move:Drag the folder and release when the folder is in the destination folder.
- To copy: Drag the folder while holding down the < Ctrl > key and release when the folder is in the destination folder.



➜The folder is moved or copied to the folder it was dragged to.

Moving folders in the folder area

Drag a folder in the main window to a folder in the folder area on the bottom left of the window in the same way as described above to move or copy a folder.

Changing Image File Names or Folder Names

1 Select the image whose name you want to change in the main window, or select the folder whose name you want to change in the folder area.

2 Select the [File] menu ▶ [Rename].

➜The [Rename Image] or [Rename Folder] dialog box appears.

3 Enter the file name or folder name of the image and then click the [OK] button.

➜The file name or folder name changes to the new name.

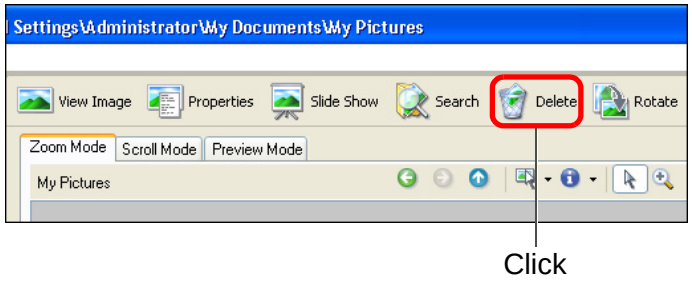
- You can also change the file names in the [Properties] window (p.47) or the image display area in Preview Mode (p.75).
- You can also change the folder names in the [Properties] window (p.47).

Deleting Images

Please take care as deleted images cannot be recovered.

1 Select the unwanted image in the main window.

2 Click [Delete].



➜The [Confirm File Delete] dialog box appears.

3 Click the [Yes] button.

➜The image is moved to the [Recycle Bin] and is deleted from ZB.

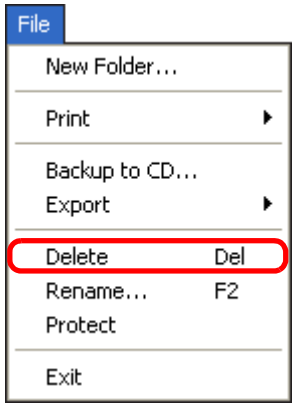
- Right-click [Recycle Bin] on the desktop and select [Empty Recycle Bin] from the menu that appears to delete the image from your computer.

Deleting Folders

Deleted folders cannot be recovered. Please take care as all images inside folders are also deleted.

1 In the folder area, select the folder you want to delete.

2 Select the [File] menu ▶ [Delete].



➜The [Confirm File Delete] window appears.

3 Click the [Yes] button.

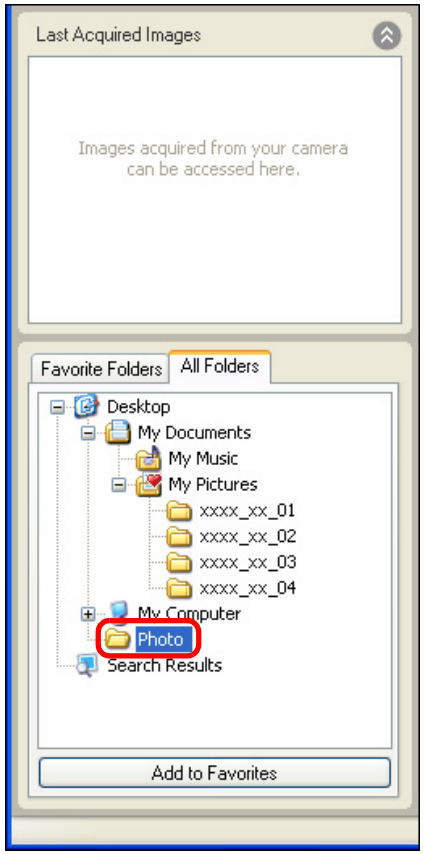
➜The folder is moved to the [Recycle Bin] and is deleted from ZB.

● Right-click [Recycle Bin] on the desktop and select [Empty Recycle Bin] from the menu that appears to delete the folder from your computer.

Registering Frequently-Used Folders as Favorite Folders

You can register shortcuts for frequently-used folders in the [Favorite Folders] tab sheet in the folder area to make images easier to find. Please note that because the [My Pictures] folder is registered as a favorite folder by default, the folder icon appears as [ ].

1 Select the folder you want to register.

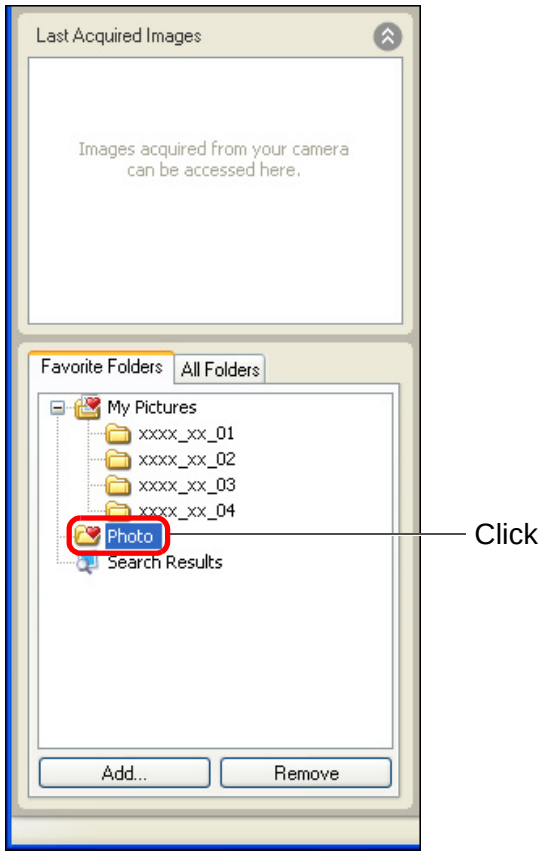


2 Click the [Add to Favorites] button.

➜The folder icon changes to [ ] and is registered as a favorite folder.

3 **Select the [Favorite Folders] tab sheet.**

4 **Select the registered folder to display the images inside the folder.**



➜The images inside the folder appear.

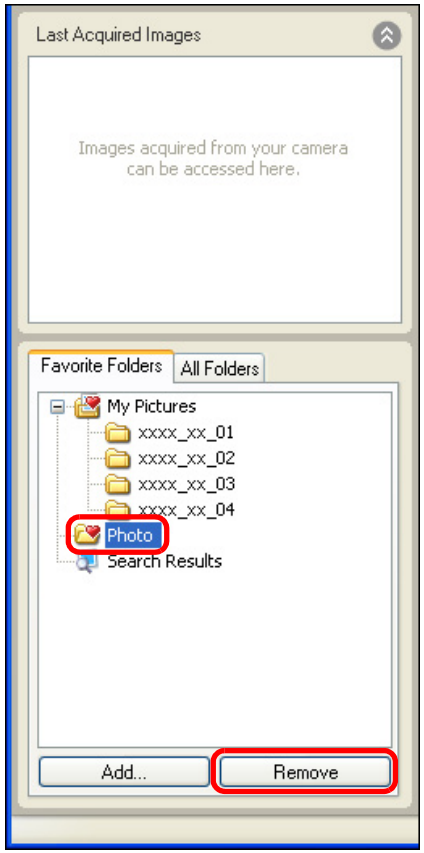
? If you have edited or deleted images in folders you have registered as favorites

Any changes done to images inside registered folders will be applied to the original images. Therefore, please be aware that by editing or deleting images inside registered folders, you are in fact editing or deleting the original images.

Deleting Favorite Folders

If you no longer need a folder you have registered in the [Favorite Folders] tab sheet, you can delete it from this tab sheet.
Please note that as registered folders are shortcuts, the original folder will not be deleted when you delete the shortcut.

In the [Favorite Folders] tab sheet, select the folder you want to delete and then click the [Remove] button.



➜The folder is deleted.

Editing an Image

If the brightness or color of images is different from what you visualized when you shot the photo, you can adjust an image using the editing functions to bring them closer to what you visualized.
This section explains about automatic adjustment of images, adjustment of brightness, saturation and contrast, trimming images, inserting text into images, adjustment of sharpness and red-eye correction.
JPEG images deteriorate slightly when edited and saved, and the image before editing cannot be recovered. For this reason, an edited JPEG image should be saved as a separate image from the original image.
Chapter 3 explains about high-level editing functions other than those described above and adjustment of RAW images.

Automatic Adjustment Using ZB

The brightness and colors, etc. of the image are automatically adjusted.

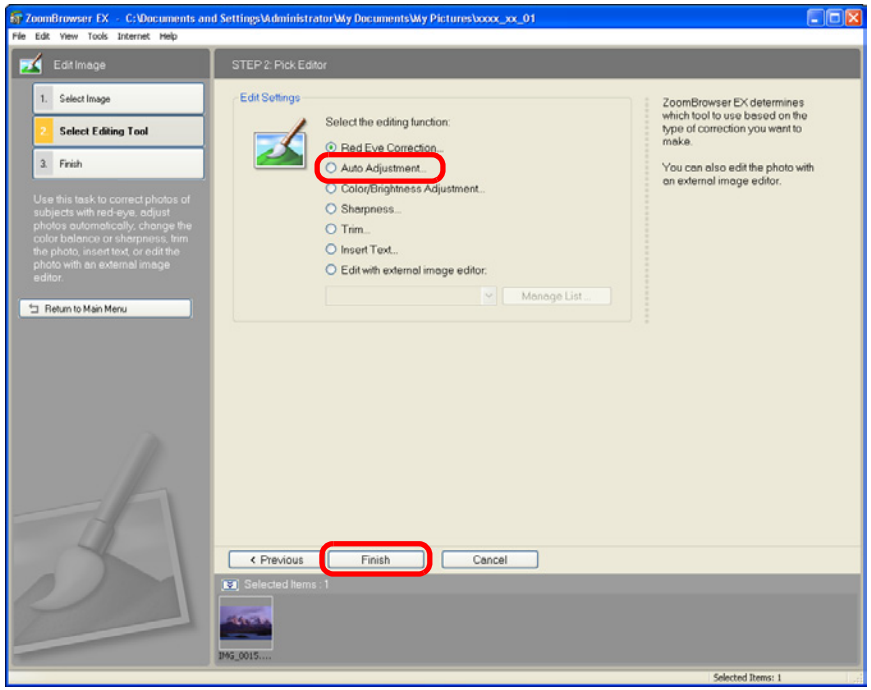
1 Select the image you want to edit.

2 Click the buttons [Edit] ▶ [Edit Image].

➜The [Edit Image] window appears.

3 Select the buttons [Auto Adjustment] ▶ [Finish].

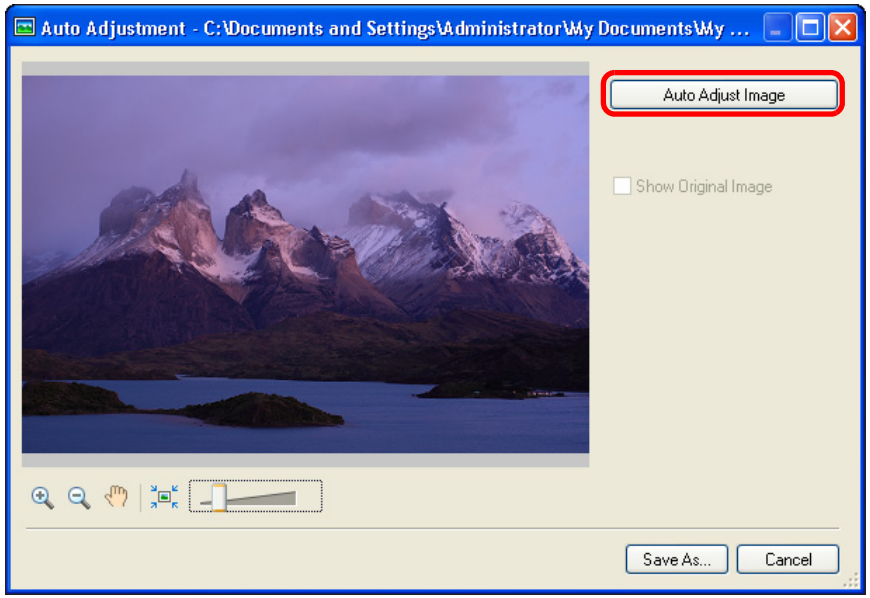
Edit Image window



➜The [Auto Adjustment] window appears.

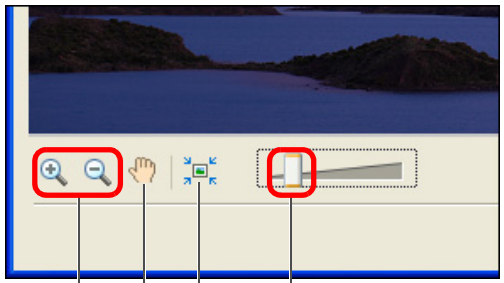
4 Click the [Auto Adjust Image] button.

Auto Adjustment window



➜The image is adjusted.

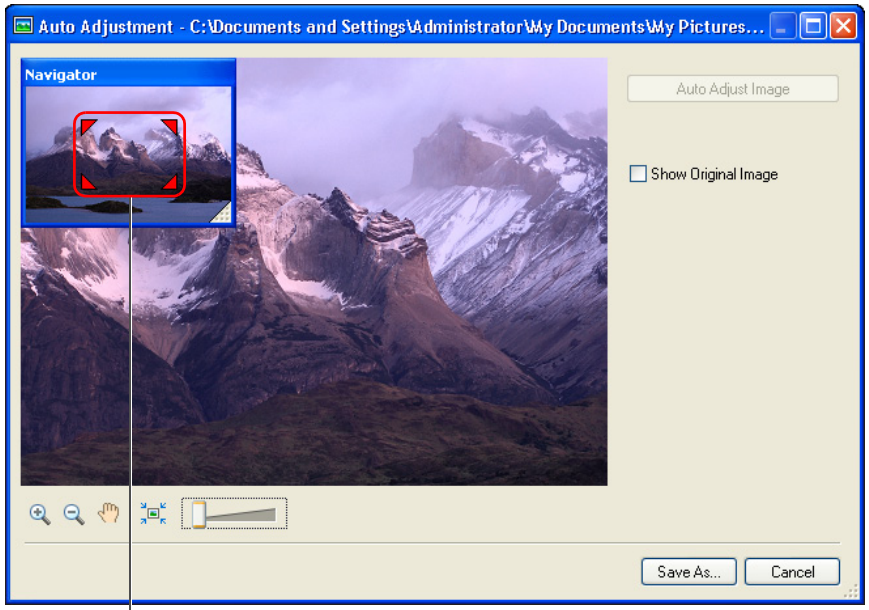
5 Enlarge the window and check the adjustments.



Drag right to enlarge
Fits the image to the window size
Moves the enlargement display position
Zooms in/Zooms out

- In enlarged view, the [Navigator] window appears and you can check and move the enlargement display position.

Window in enlarged display



Enlargement display position
Drag to move the enlargement display position

- To revert to full view, click [ ] on the bottom left of the window.

6 Click the [Save As] button and save as a separate image.

➜The [Save As] window appears.

7 Specify the save destination and then click the [Save] button.

➜The edited image is saved as a separate image from the original image.

Adjusting Brightness, Color and Contrast

You can adjust the brightness, color (saturation) and contrast of images.

1 **Select the image you want to edit and display the [Edit Image] window** (p.29)**.**

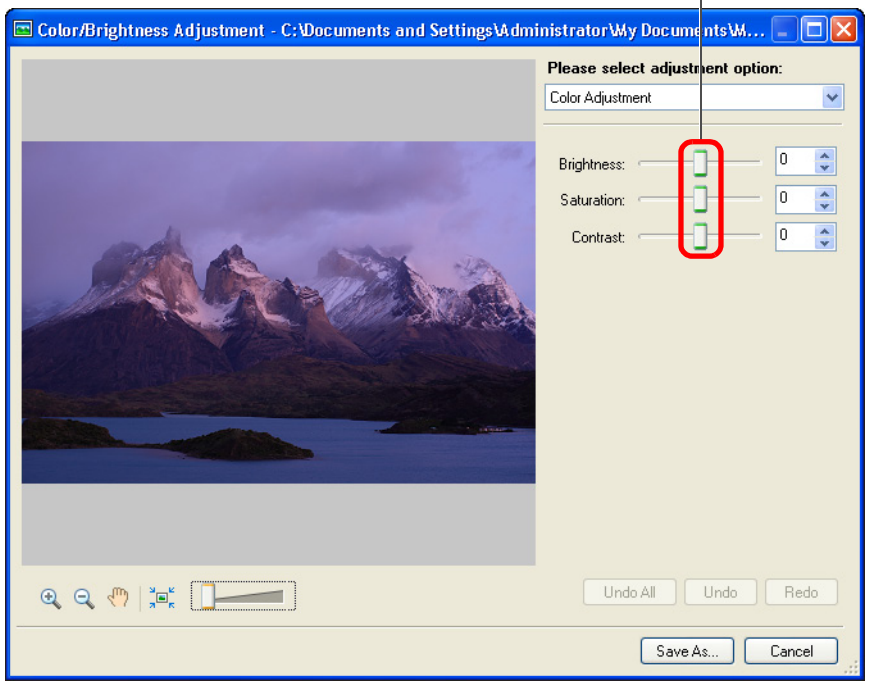
2 **Select [Color/Brightness Adjustment] and then click the [Finish] button.**

➜The [Color/Brightness Adjustment] window appears.

3 **Adjust the image.**

Drag to the left or right to adjust

Color/Brightness Adjustment window



- Move the slider to the right to make the [Brightness] of an image appear brighter, the [Saturation] to appear more vivid and the [Contrast] stronger. Move the slider to the left to make the image appear darker, and the saturation and the contrast weaker.

➜The image is adjusted.

4 **Enlarge the window and check the adjustments** (p.30)**.**

5 **Click the [Save As] button and save as a separate image** (p.30)**.**

Trimming an Image

You can trim only the part of an image you need, or change the composition of an image where an image shot horizontally becomes vertical.

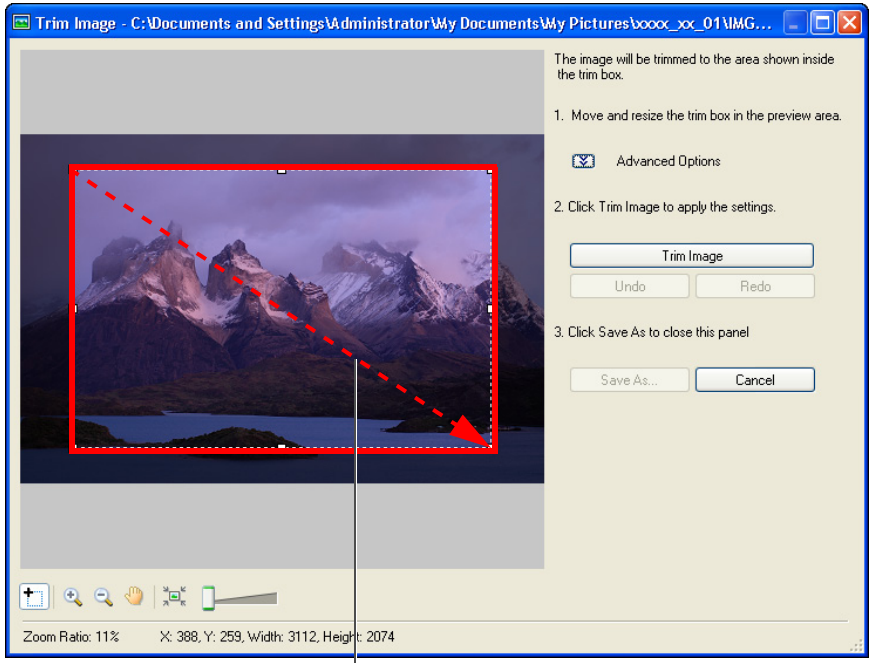
1 **Select the image you want to edit and display the [Edit Image] window** (p.29)**.**

2 **Select [Trim] and then click the [Finish] button.**

➜The [Trim Image] window appears.

3 **Drag the trimming range.**

Trim Image window


Trim Image - C:\Documents and Settings\Administrator\My Documents\My Pictures\xxxx_xx_01\IMG...
The image will be trimmed to the area shown inside the trim box.
1. Move and resize the trim box in the preview area.
Advanced Options
2. Click Trim Image to apply the settings.
Trim Image
Undo
Redo
3. Click Save As to close this panel
Save As...
Cancel
Zoom Ratio: 11%
X: 388, Y: 259, Width: 3112, Height: 2074
Drag

- The trimming range can be moved by dragging.
- You can change the trimming range by dragging the four corners and the four sides of the trimming range.

4 **Click the [Trim Image] button.**

➜The image is trimmed.

5 **Click the [Save As] button and save as a separate image** (p.30)**.**

Inserting Text into Images

You can insert the date and time you shot an image and text into an image as text.

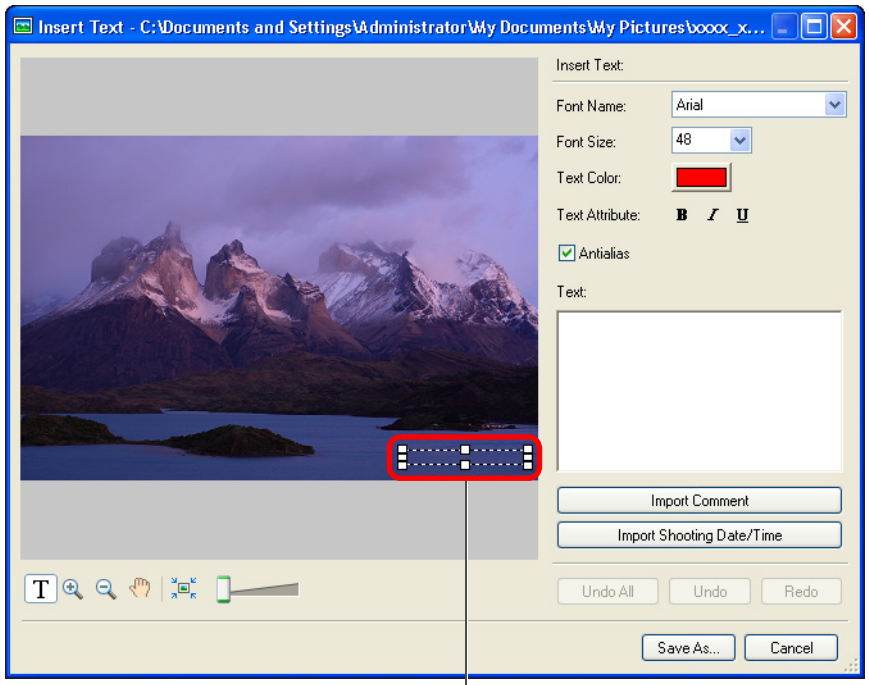
1 **Select the image you want to edit and display the [Edit Image] window** (p.29)**.**

2 **Select [Insert Text] and then click the [Finish] button.**

➜The [Insert Text] window appears.

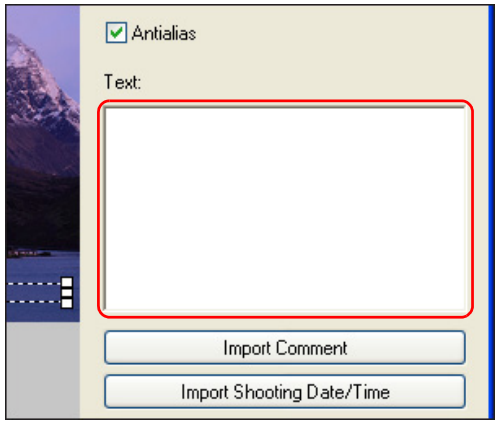
3 **Drag the range for inserting text.**

Insert Text window



- The text insertion range can be moved by dragging.
- You can change the text insertion range by dragging the four corners and the four sides of the text insertion range.

4 **Using the keyboard, enter the text you want to insert.**



➜The text you enter appears in the window.

5 **Click the [Save As] button and save as a separate image** (p.30)**.**

Adjusting Sharpness

You can make the overall atmosphere of an image harder or softer.

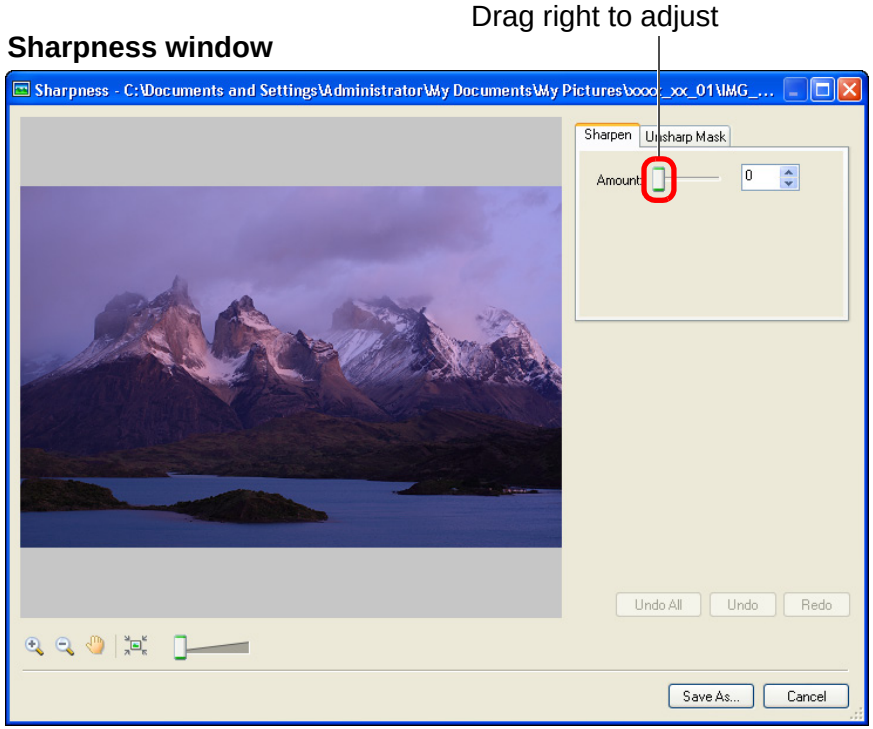
1 **Select the image you want to edit and display the [Edit Image] window** (p.29)**.**

2 **Select [Sharpness] and then click the [Finish] button.**

➜The [Sharpness] window appears.

3 **Adjust the image.**

Sharpness window



- Move the slider to the right to make an image harder and to the left to make an image softer.

➜The image is adjusted.

4 **Enlarge the window and check the adjustments** (p.30)**.**

5 **Click the [Save As] button and save as a separate image** (p.30)**.**

Correcting Red-Eye Automatically

You can automatically detect and correct red-eye that occurs when you photograph people using a flash.

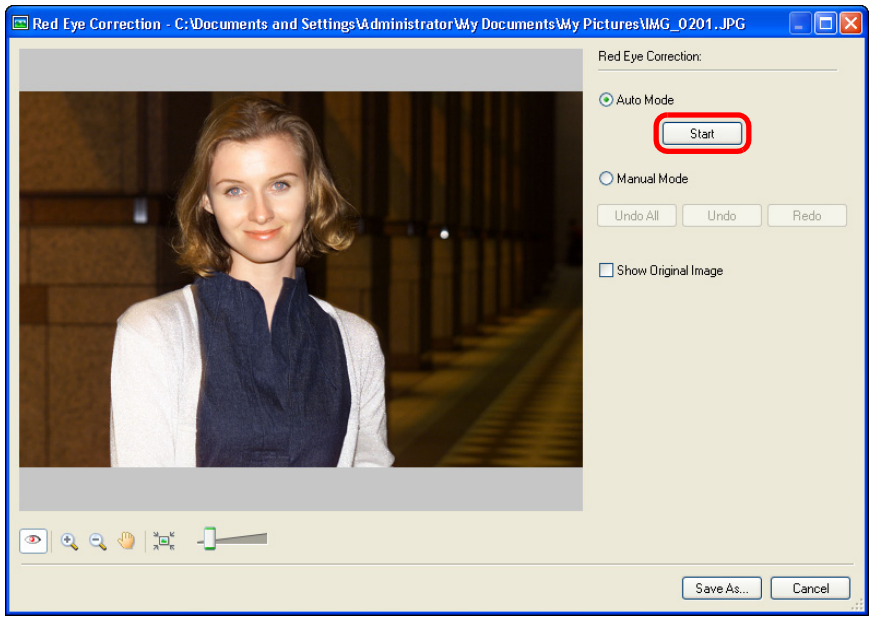
1 **Select the image you want to edit and display the [Edit Image] window (p.29).**

2 **Select [Red Eye Correction] and then click the [Finish] button.**

➜The [Red Eye Correction] window appears.

3 **Click the [Start] button.**

Red Eye Correction window



➜The image is corrected.

4 **Click the [Save As] button and save as a separate image (p.30).**

Correcting Red-Eye Manually

You can manually correct red-eye that cannot be corrected automatically.

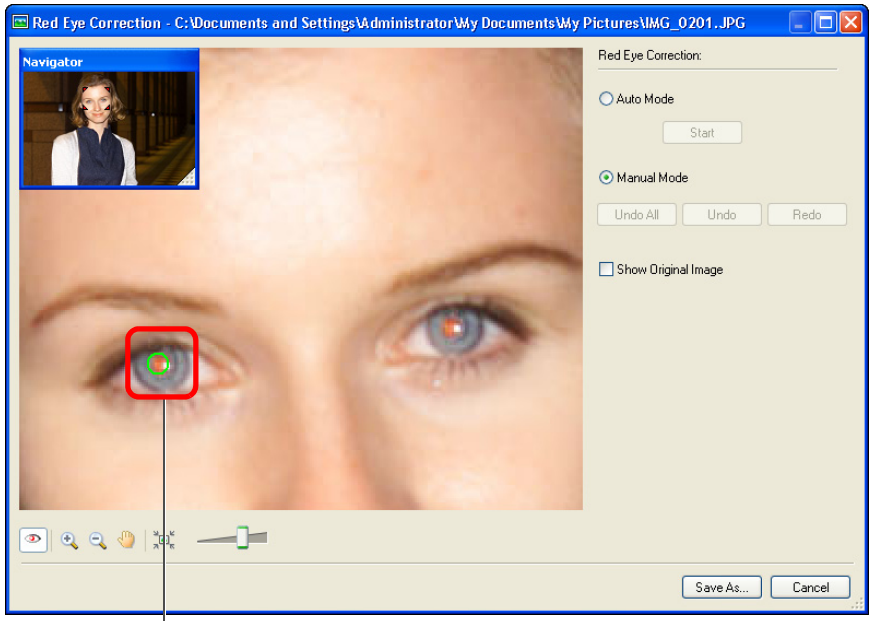
1 **Display the [Red Eye Correction] window (Description on the left).**

2 **Enlarge the image (p.30).**

3 **Select [Manual Mode] and then click [ ].**

4 **Click on the places in the image you want to correct.**

➜When you move the mouse cursor on the places to be corrected, [◯] is displayed.



Click

➜The image is corrected.

5 **Click the [Save As] button and save as a separate image (p.30).**

Utilizing Your Images

You can view your images as a slide show, send them in an e-mail or use them as wallpaper or screen savers for your computer.

Viewing Images as a Slide Show

You can display selected images across the whole window and switch between them as a slide show.

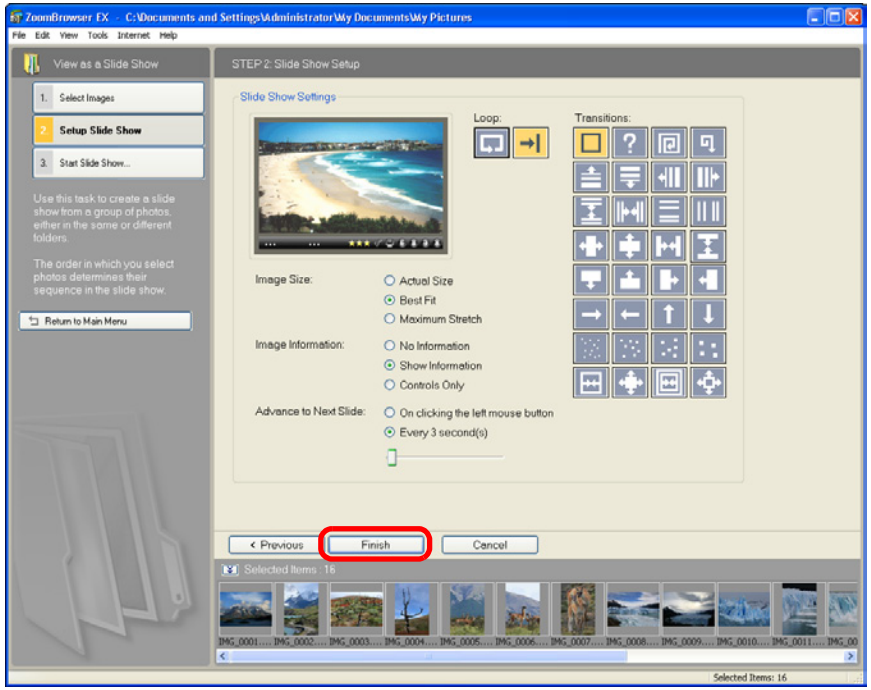
1 **Select images.**

2 **Click [Slide Show].**

➜The [View as a Slide Show] window appears.

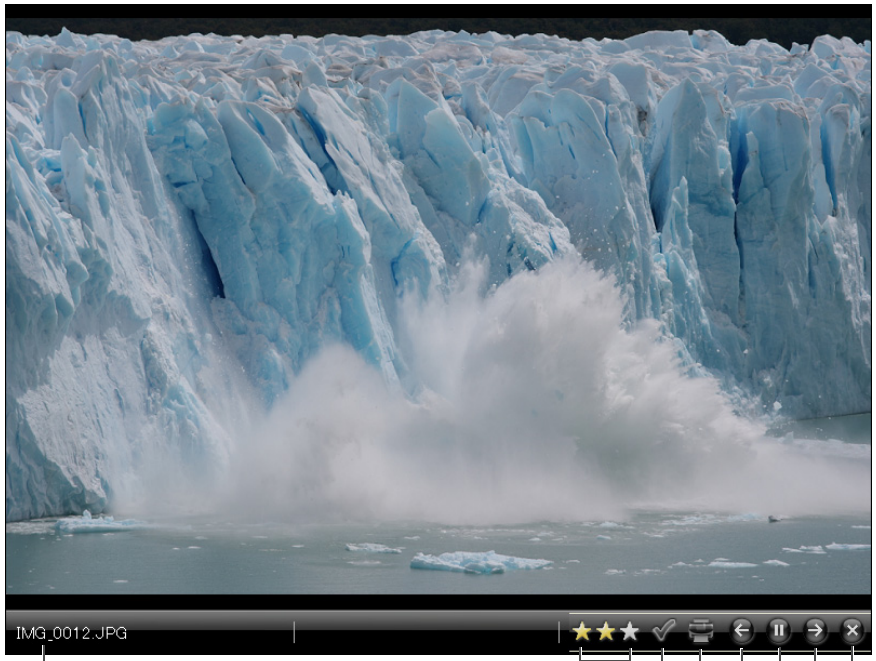
3 **Set the slide show style and then click the [Finish] button.**

View as a Slide Show window



➜The Slide Show window appears and the slide show begins.

Slide Show window



*1 The image is selected. When the slide show ends and returns to the main window, the image is displayed as being selected.

*2 The image is selected for printing. When the slide show ends and returns to the main window, the print dialog box is displayed.

➜When all the images have been displayed, the Slide Show window closes and returns to the main window.

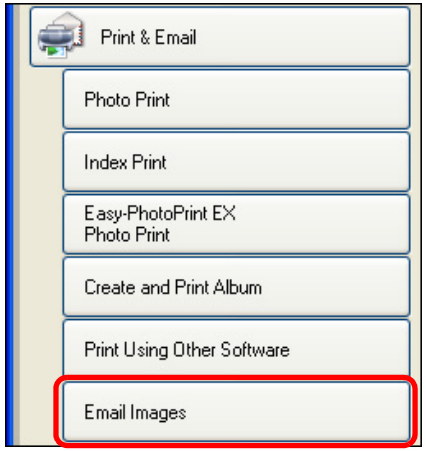
● To end the slide show half-way through, click [ ].

Sending an Image by E-Mail

You can attach a selected image to an e-mail and send it.
The attached image to be sent is a copy of the original image and therefore the original image remains unaffected on your computer.
Please note that the e-mail software for attaching and sending an image selected in ZB is MAPI-compatible software. Please consult the Instruction Manual for your e-mail software for settings related to MAPI.

1 Select an image.

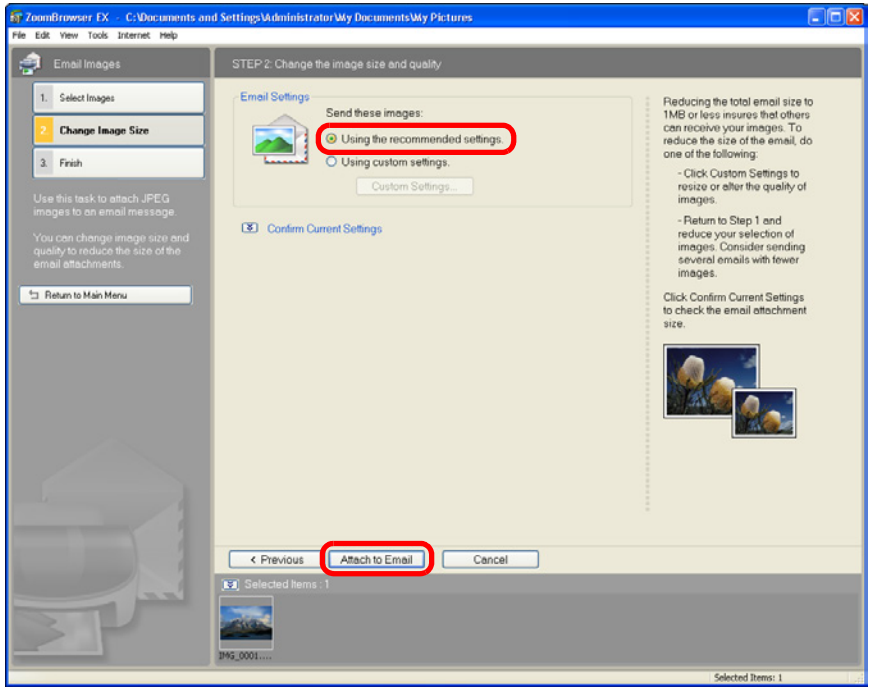
2 Click the buttons [Print & Email] ▶ [Email Images].



➜The [Email Images] window appears.

3 **Select [Using the recommended settings.], and then click the [Attach to Email] button.**

Email Images window


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures
File Edit View Tools Internet Help
Email Images
STEP 2: Change the image size and quality
1. Select Images
2. Change Image Size
3. Finish
Use this task to attach JPEG images to an email message.
You can change image size and quality to reduce the size of the email attachments.
Return to Main Menu
Email Settings
Send these images:
Using the recommended settings.
Using custom settings.
Custom Settings...
Confirm Current Settings
Reducing the total email size to 1MB or less insures that others can receive your images. To reduce the size of the email, do one of the following:
- Click Custom Settings to resize or alter the quality of images.
- Return to Step 1 and reduce your selection of images. Consider sending several emails with fewer images.
Click Confirm Current Settings to check the email attachment size.
< Previous
Attach to Email
Cancel
Selected Items: 1
Selected Items: 1

➜The e-mail software starts up and the image is attached to an e-mail.

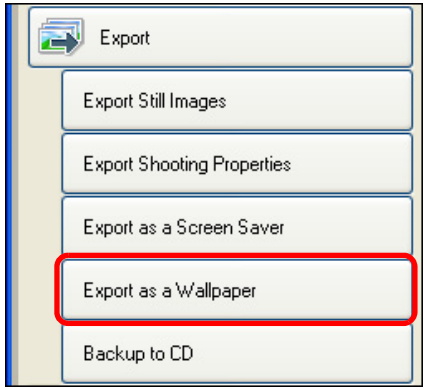
● Enter the address and a message and send the e-mail.

Creating Wallpaper from an Image

You can make a selected image wallpaper for your computer.
The bitmap image for the wallpaper (extension ".BMP") is created using a copy of an image and therefore the original image remains unaffected.

1 **Select an image.**

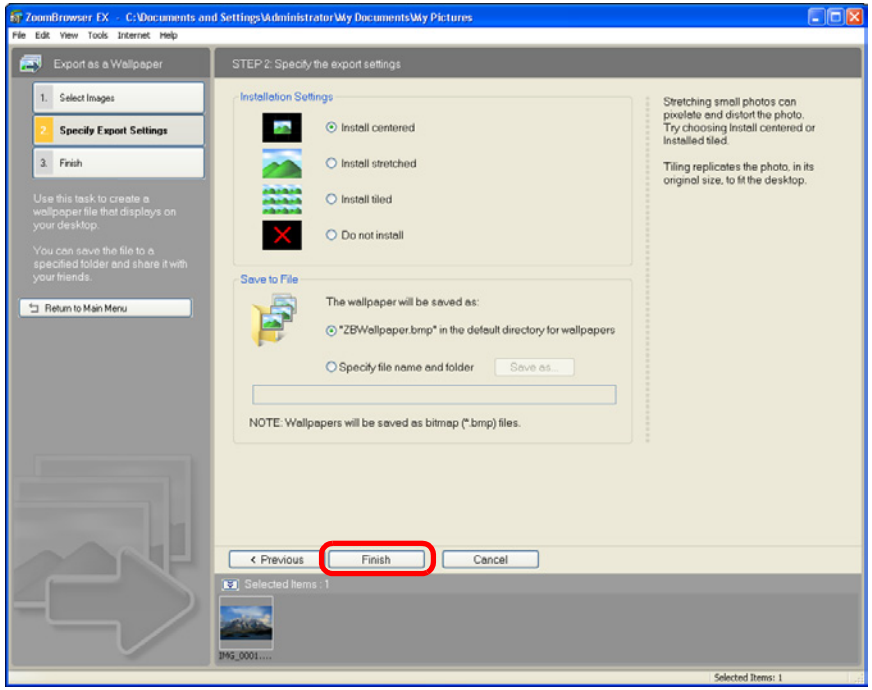
2 **Click the buttons [Export] ▶ [Export as a Wallpaper].**



➜The [Export as a Wallpaper] window appears.

3 Specify the layout and the save destination for the wallpaper, and then click the [Finish] button.

Export as a Wallpaper window


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures
File Edit View Tools Internet Help
Export as a Wallpaper
STEP 2: Specify the export settings
1. Select Images
2. Specify Export Settings
3. Finish
Use this task to create a wallpaper file that displays on your desktop.
You can save the file to a specified folder and share it with your friends.
Return to Main Menu
Installation Settings
Install centered
Install stretched
Install tiled
Do not install
Stretching small photos can pixelate and distort the photo. Try choosing Install centered or Installed tiled.
Tiling replicates the photo, in its original size, to fit the desktop.
Save to File
The wallpaper will be saved as:
"ZBWallpaper.bmp" in the default directory for wallpapers
Specify file name and folder
Save as...
NOTE: Wallpapers will be saved as bitmap (*.bmp) files.
< Previous
Finish
Cancel
Selected Items: 1
Selected Items: 1

➜The image you selected for your wallpaper is applied as wallpaper.

➜The image you selected for your wallpaper is saved in the specified folder.

? To revert to the original wallpaper

1 On the desktop, right-click with the mouse and in the menu that appears, select [Properties].

2 Select the [Desktop] tab sheet.

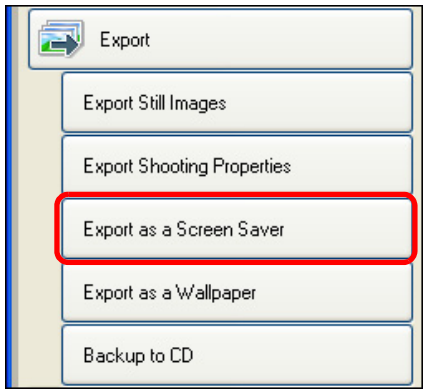
3 Select the file to become the wallpaper and then click the [OK] button.

Creating a Screen Saver from an Image

You can make a selected image a screen saver for your computer. The data for the screen saver (extension ".SCR") is created using a copy of an image and therefore the original image remains unaffected.

1 Select an image.

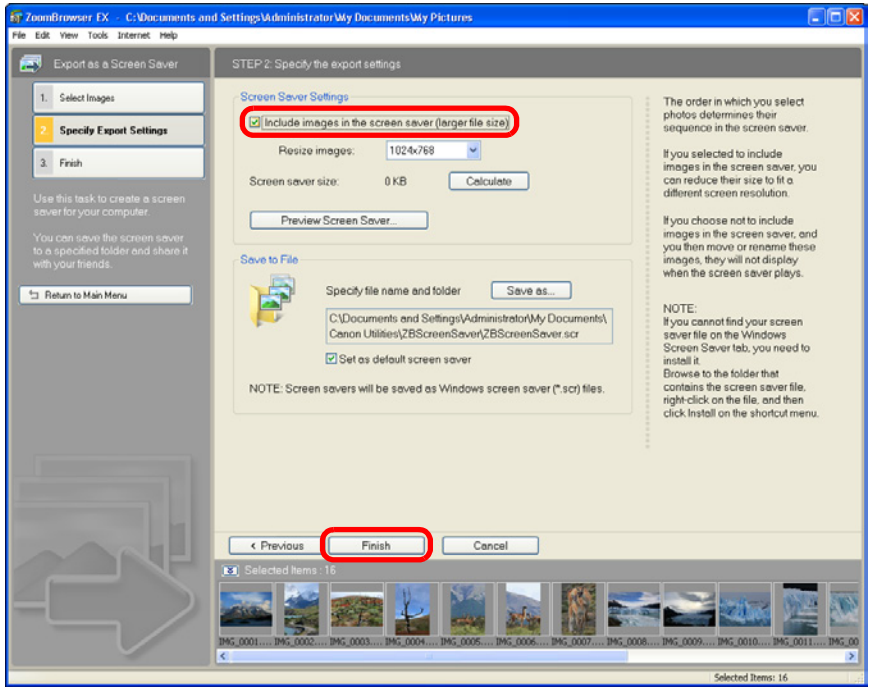
2 Click the buttons [Export] ▶ [Export as a Screen Saver].



➜The [Export as a Screen Saver] window appears.

3 Checkmark [Include images in the screen saver] and click the [Finish] button.

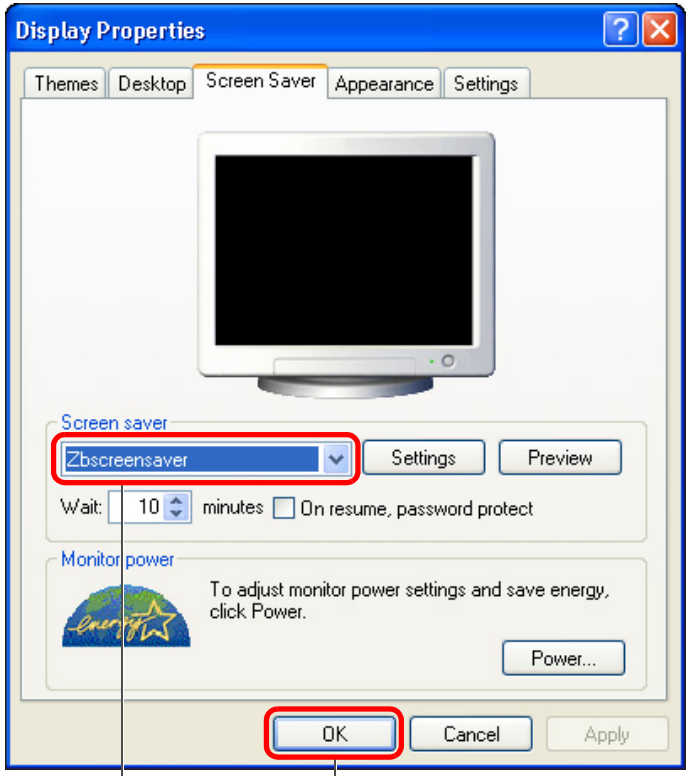
Export as a Screen Saver window


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures
File Edit View Tools Internet Help
Export as a Screen Saver
STEP 2: Specify the export settings
1. Select Images
2. Specify Export Settings
3. Finish
Use this task to create a screen saver for your computer.
You can save the screen saver to a specified folder and share it with your friends.
Return to Main Menu
Screen Saver Settings
Include images in the screen saver (larger file size)
Resize images:
1024x768
Screen saver size:
0 KB
Calculate
Preview Screen Saver...
The order in which you select photos determines their sequence in the screen saver.
If you selected to include images in the screen saver, you can reduce their size to fit a different screen resolution.
If you choose not to include images in the screen saver, and you then move or rename these images, they will not display when the screen saver plays.
Save to File
Specify file name and folder
Save as...
C:\Documents and Settings\Administrator\My Documents\Canon Utilities\ZBScreenSaver\ZBScreenSaver.scr
Set as default screen saver
NOTE: Screen savers will be saved as Windows screen saver (*.scr) files.
NOTE:
If you cannot find your screen saver file on the Windows Screen Saver tab, you need to install it.
Browse to the folder that contains the screen saver file, right-click on the file, and then click Install on the shortcut menu.
Previous
Finish
Cancel
Selected Items: 16
Selected Items: 16

➜The data for the screen saver is saved in the specified folder.

4 Specify the saved screen saver on your computer.

- On the desktop, right-click with the mouse and in the menu that appears, select [Properties]. Display the [Screen Saver] tab sheet in the [Display Properties] dialog box.



Applies the selected screen saver data

Select the saved screen saver data

About the [Include images in the screen saver] checkbox

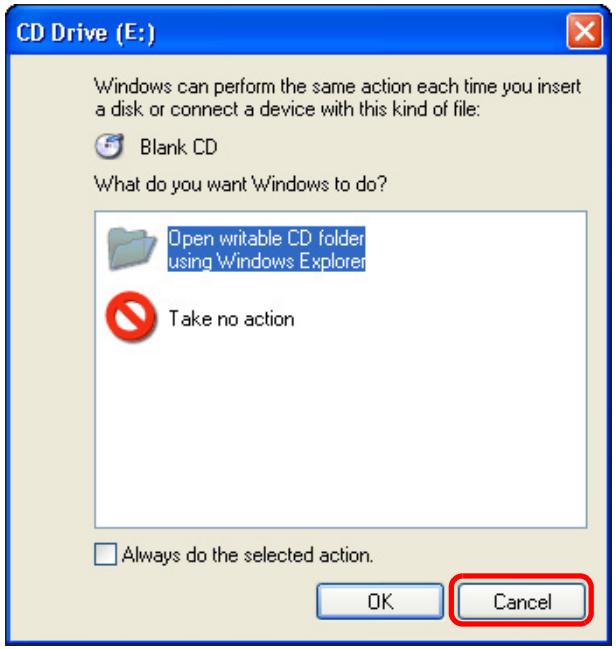
When you checkmark [Include images in the screen saver] in step 3, the original image is copied to create the data for the screen saver. This means that even if the original image is deleted or the file name is changed, it does not affect the screen saver. However, if you remove the check mark, the data is created using the original image, and if the original image is deleted or the file name is changed, the screen saver will not work properly.

Writing Images to a CD

You can write selected images to a CD.
This function is only compatible with a computer that has Windows Vista or Windows XP preinstalled and is equipped with a standard CD-R/RW drive.

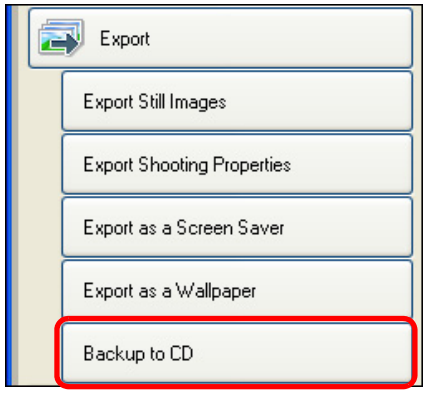
1 Insert a CD-R/RW disk in the CD-R/RW drive.

- When the dialog box below appears, select the [Cancel] to close the dialog box.


CD Drive (E:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file:
Blank CD
What do you want Windows to do?
Open writable CD folder using Windows Explorer
Take no action
Always do the selected action.
OK
Cancel

2 Select the images you want to write to the CD.

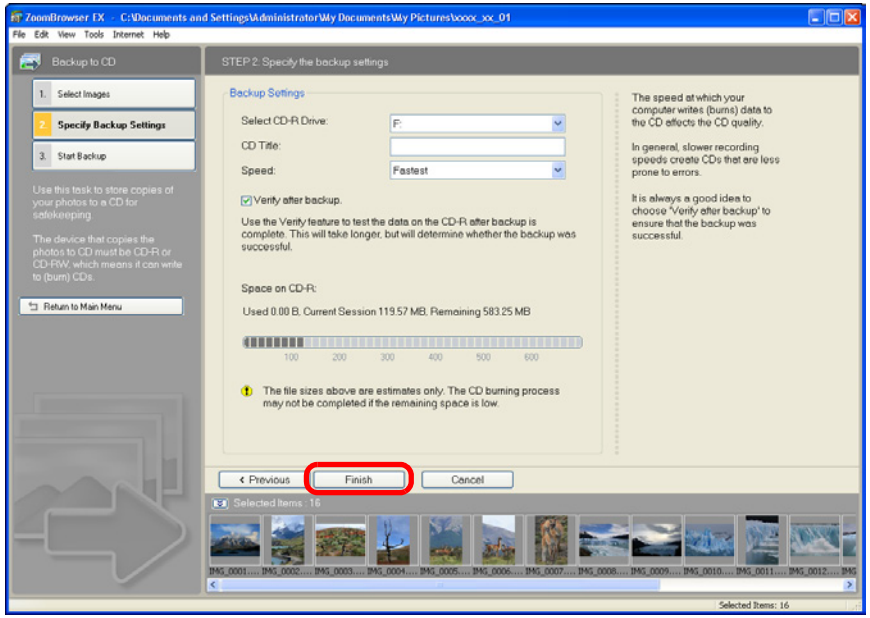
3 Click the buttons [Export] ▶ [Backup to CD].



➜The [Backup to CD] window appears.

4 Specify the settings for writing to the CD-R/RW disk and then click the [Finish] button.

Backup to CD window



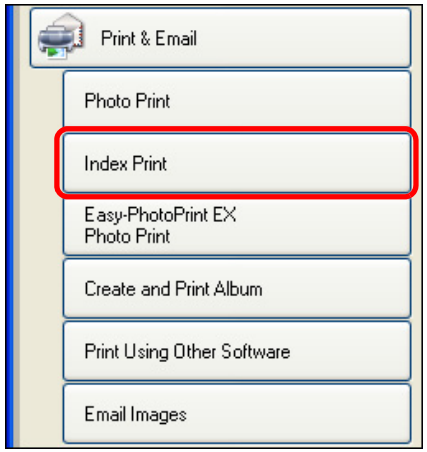
➜Writing to the CD-R/RW begins.

Printing Multiple Images on One Sheet of Paper (Index Printing)

You can arrange multiple images in index format and print them on one sheet of paper.

1 Select the images.

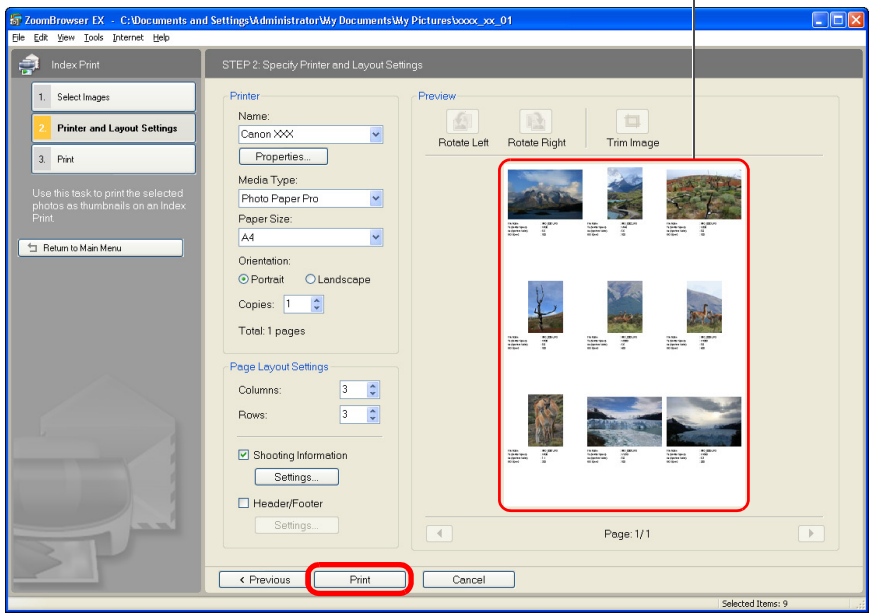
2 Click the buttons [Print & Email] ▶ [Index Print].



➜The [Index Print] window appears.

3 Specify settings such as the paper type and the number of prints, and then click the [Print] button.

Index Print window



➜Printing begins.

For a list of index print window functions, refer to p.78.

3 High-Level Functions

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Comparing Multiple Images

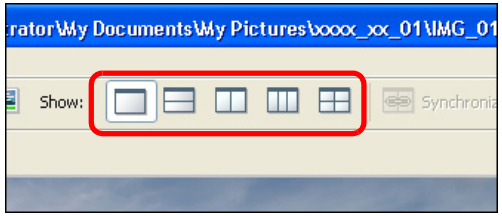
To compare multiple images, you can split the viewer window into two, three or four and display multiple images at the same time.
You can also align the display position of enlarged images and compare.

1 In the main window, select the images you want to compare (p.11).

2 Click [View Image] (p.73).

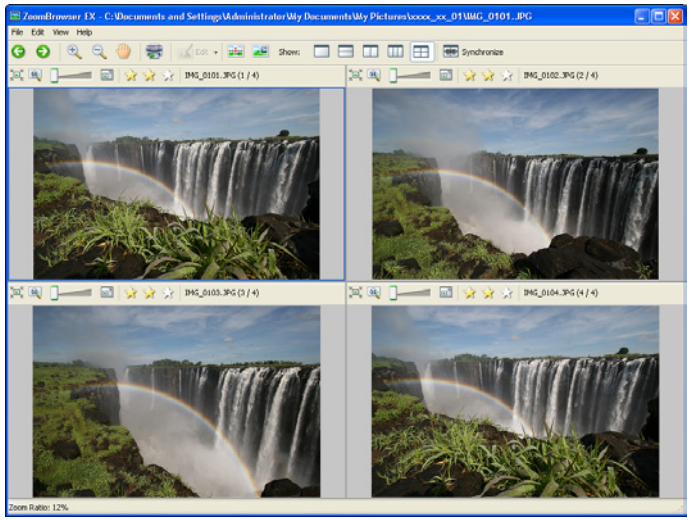
➜The viewer window appears.

3 Select the number of images you want to display at the same time.

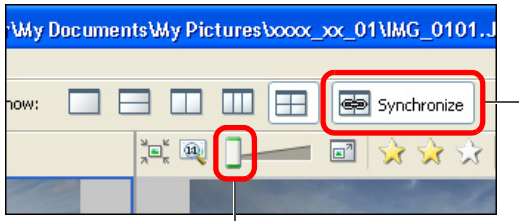


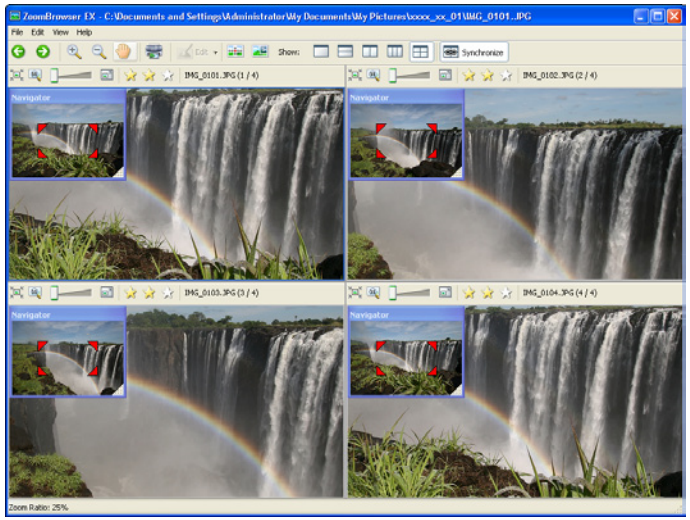
➜The viewer window is split and the multiple images are displayed at the same time.

Example of display when [ ] is clicked



4 Click [Synchronize] and then enlarge the image.





➜The synchronize display appears and all the images are displayed at the same display magnification and in the same position.

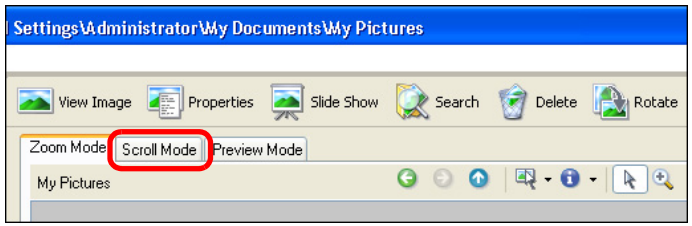
➜The [Navigator] window that displays the enlargement display position appears and you can check and move the enlargement display position (p.21).

- Click [Synchronize] again to cancel the synchronize display. You can now change the display magnification and move the enlargement display position for each image.
- To return to full view, click [ ] on the top left of each window.
- To cancel the split display, click [ ] at the top of the window.

Listing Images by Folder Level

You can switch the main window display to Scroll Mode that displays in folder levels and simultaneously view multiple folders and images inside the folders.

1 Click the [Scroll Mode] tab sheet.

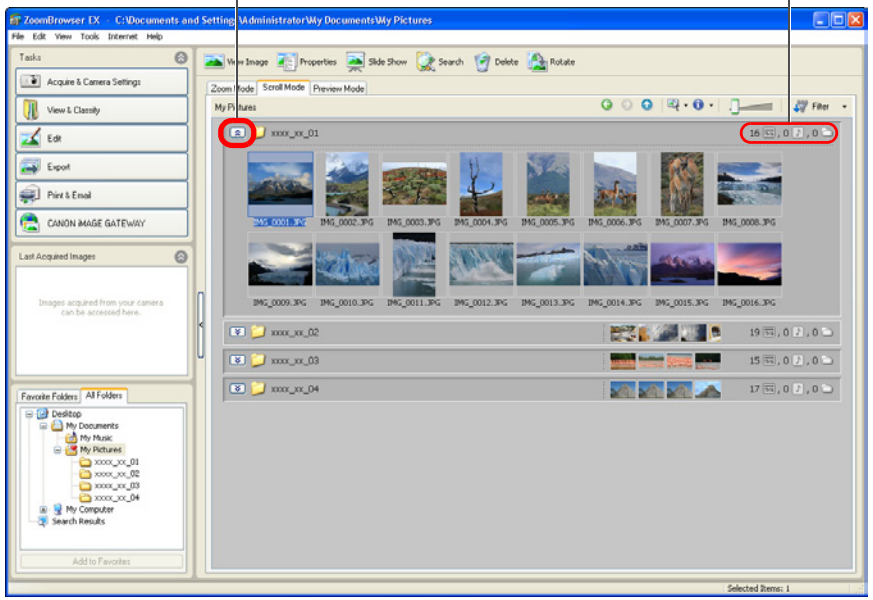


➜The display in the main window switches to Scroll Mode.

2 Check the images inside the folders.

Click

Number of images inside the folder and number of folders



➜The images inside the folder are displayed.

For a list of Scroll Mode window functions, refer to p.74.

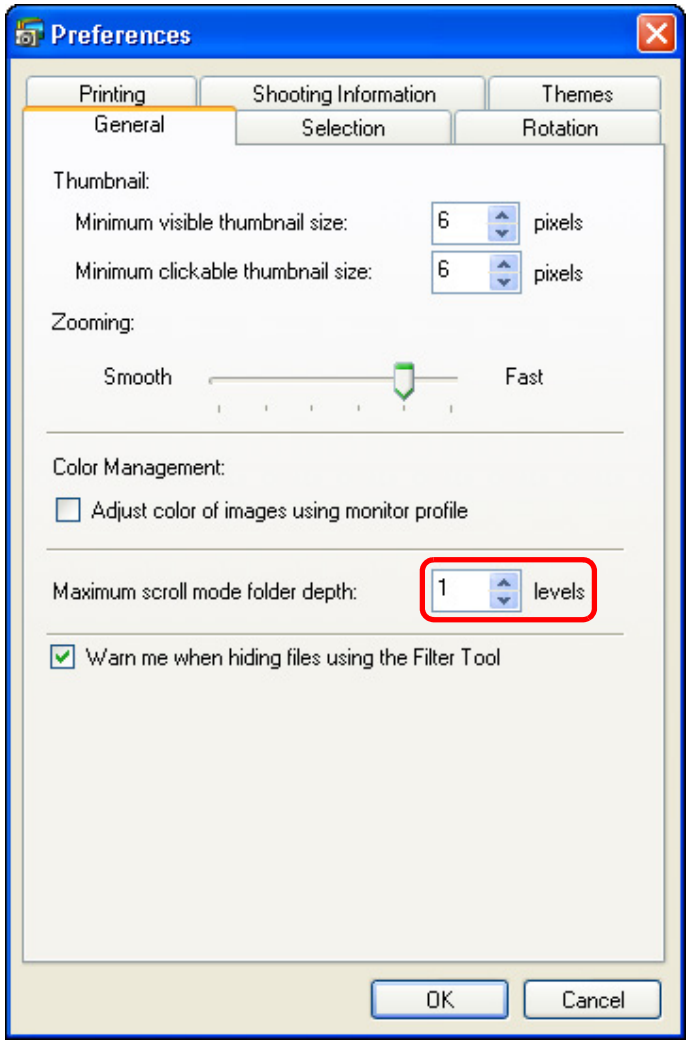
Changing the Levels of the Displayed Folders

You can set the level to which images and folders are displayed in the window, which makes looking for the folders and images you want easier.

1 Select the [Tools] menu ▶ [Preferences].

➜The [Preferences] window appears.

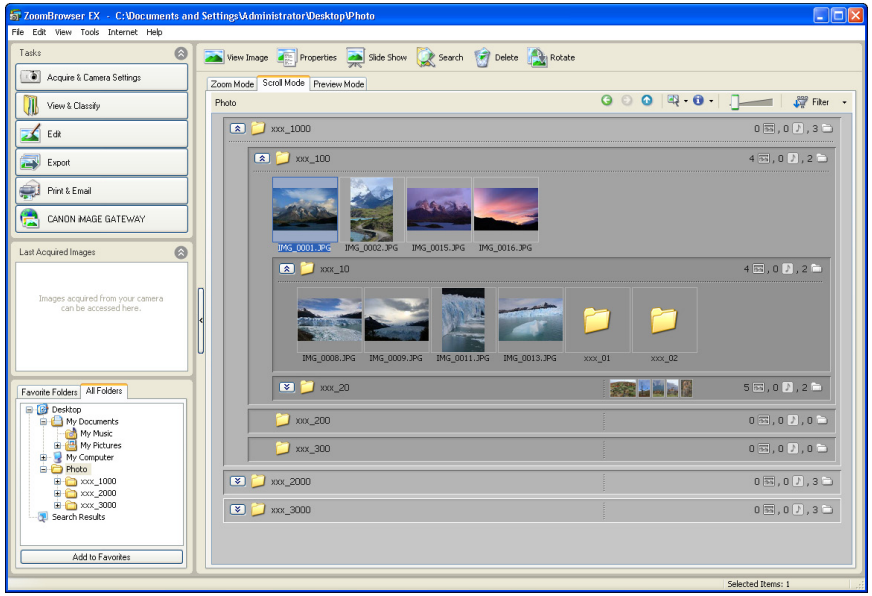
2 Change the depth of the folder level to be displayed.



3 Click the [OK] button.

➜The main window is displayed at the folder depth you set.

Example of display when you have set the folder level setting [3]



➜Folders up to the third level and images inside the folders are displayed in the window.

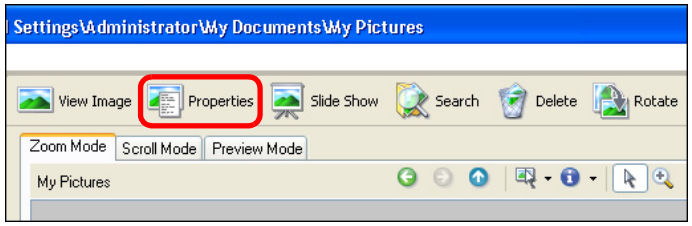
- Folders at or higher than the fourth level are displayed as folder icons. Double-click these folders to display images and folders inside the folders.

Viewing Shooting Information for an Image

1 **Enable Zoom Mode (p.73) or Scroll Mode (p.74).**

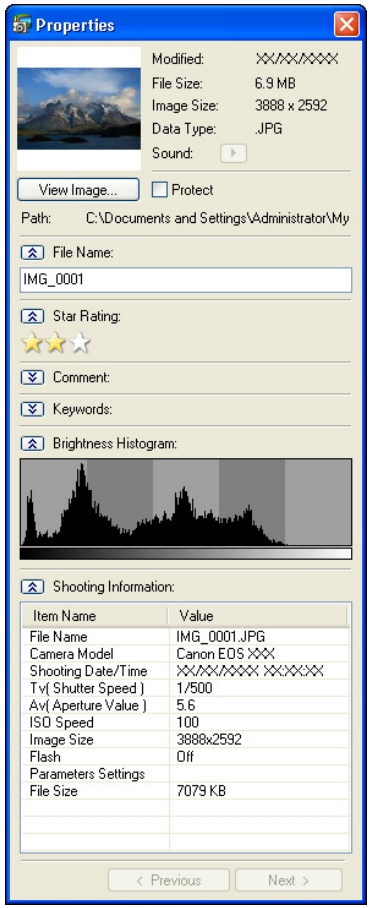
2 **Select the image for which you want to view the information.**

3 **Click [Properties].**



➜The [Properties] window (image information window) appears.

Properties window



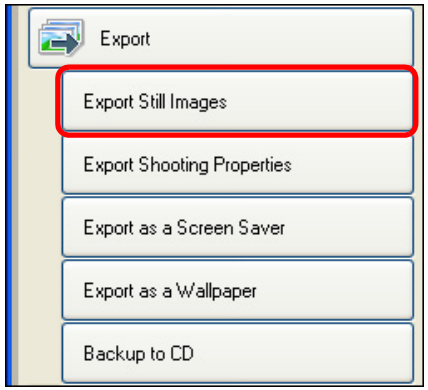
In Preview Mode, the same information as the [Properties] window is displayed on the information display area (p.75).

Changing the Size and Type of an Image and Saving

You can change the size of an image or convert it to a TIFF image (extension ".TIFF") or a bitmap image (extension ".BMP") and save it. Because the image is saved as a separate image, the original image remains unaffected.

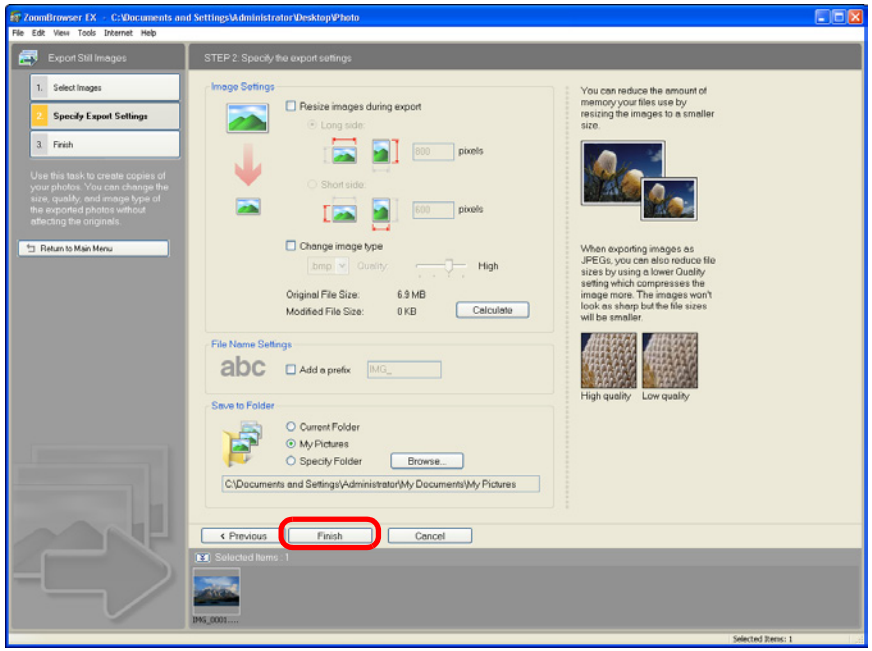
1 Select an image.

2 Click the buttons [Export] ▶ [Export Still Images].



➜The [Export Still Images] window appears.

3 Specify the image size, type, file name and save destination, and then click the [Finish] button.


ZoomBrowser EX - C:\Documents and Settings\Administrator\Desktop\Photo
File Edit View Tools Internet Help
Export Still Images
STEP 2: Specify the export settings
1. Select Images
2. Specify Export Settings
3. Finish
Use this task to create copies of your photos. You can change the size, quality, and image type of the exported photos without affecting the originals.
Return to Main Menu
Image Settings
Resize images during export
Long side:
800
pixels
Short side:
600
pixels
Change image type
High
Original File Size: 6.9 MB
Modified File Size: 0 KB
Calculate
You can reduce the amount of memory your files use by resizing the images to a smaller size.
When exporting images as JPEGs, you can also reduce file sizes by using a lower Quality setting which compresses the image more. The images won't look as sharp but the file sizes will be smaller.
High quality
Low quality
File Name Settings
abc
Add a prefix
IMG_
Save to Folder
Current Folder
My Pictures
Specify Folder
Browse...
C:\Documents and Settings\Administrator\My Documents\My Pictures
< Previous
Finish
Cancel
Selected Items: 1
Selected Items: 1

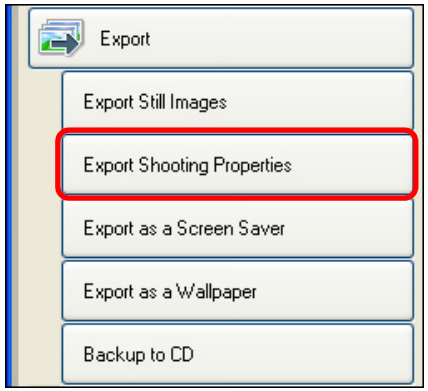
➜The image is saved as an image separate from the original image.

Exporting Shooting Information

You can export as a text file the shooting information recorded to the image.

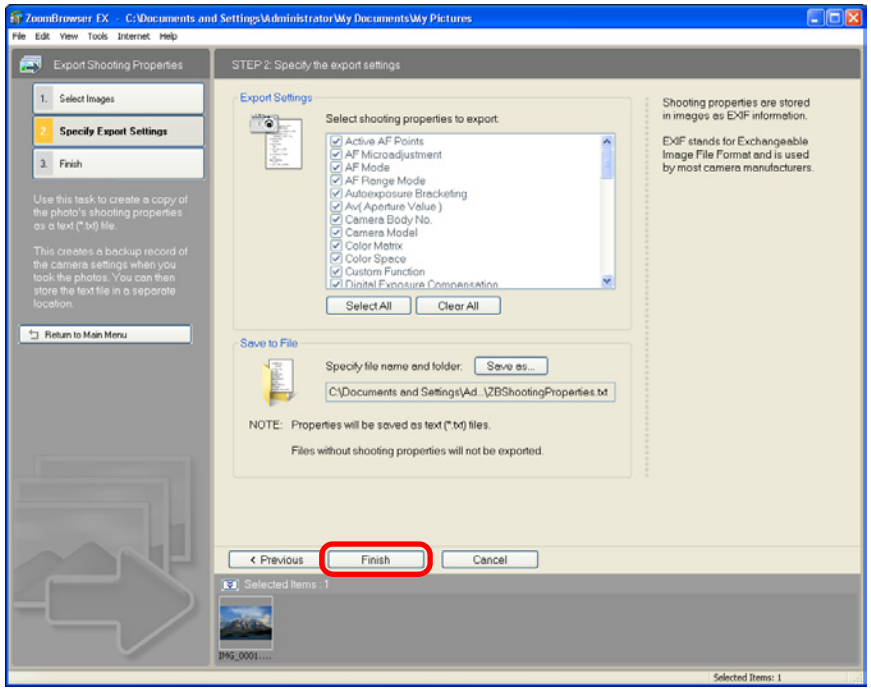
1 Select an image.

2 Click the buttons [Export] ▶ [Export Shooting Properties].



➜The [Export Shooting Properties] window appears.

3 Specify the export shooting information and save destination, and then click the [Finish] button.


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures
File Edit View Tools Internet Help
Export Shooting Properties
STEP 2: Specify the export settings
1. Select Images
2. Specify Export Settings
3. Finish
Use this task to create a copy of the photo's shooting properties as a text (*.txt) file.
This creates a backup record of the camera settings when you took the photos. You can then store the text file in a separate location.
Return to Main Menu
Export Settings
Select shooting properties to export:
Active AF Points
AF Microadjustment
AF Mode
AF Range Mode
Autoexposure Bracketing
Av(Aperture Value)
Camera Body No.
Camera Model
Color Matrix
Color Space
Custom Function
Digital Exposure Compensation
Select All
Clear All
Shooting properties are stored in images as EXIF information.
EXIF stands for Exchangeable Image File Format and is used by most camera manufacturers.
Save to File
Specify file name and folder:
Save as...
C:\Documents and Settings\Ad...\ZBShootingProperties.txt
NOTE: Properties will be saved as text (*.txt) files.
Files without shooting properties will not be exported.
< Previous
Finish
Cancel
Selected Items : 1
IMG_0001....
Selected Items: 1

➜The shooting information is saved as a text file (extension ".TXT").

Organizing Images Using High-Level Functions

You can organize images using high-level functions such as setting keywords and entering comments, renaming multiple files in a single operation and classifying images by shot year/month/date, all of which are useful when organizing your images.

Setting Keywords in Images

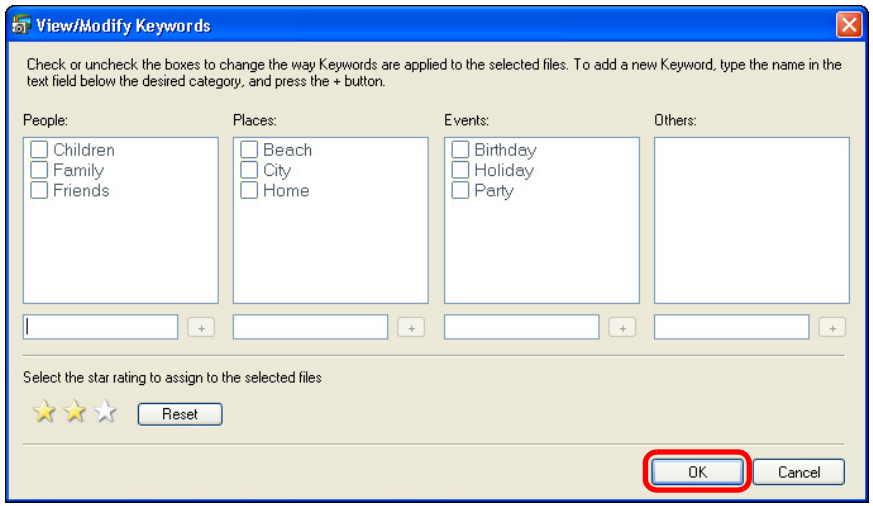
You can set keywords to identify images. The set keywords are also useful when searching for images (p.53).

1 Display the [Properties] window (p.47).

2 Click the [ ] button in [Keywords] and then click the [View/Modify Keywords].

➜The [View/Modify Keywords] dialog box appears.

3 Select the keyword(s) and then click the [OK] button.



➜The keyword is set in the image.

Entering Comments into Images

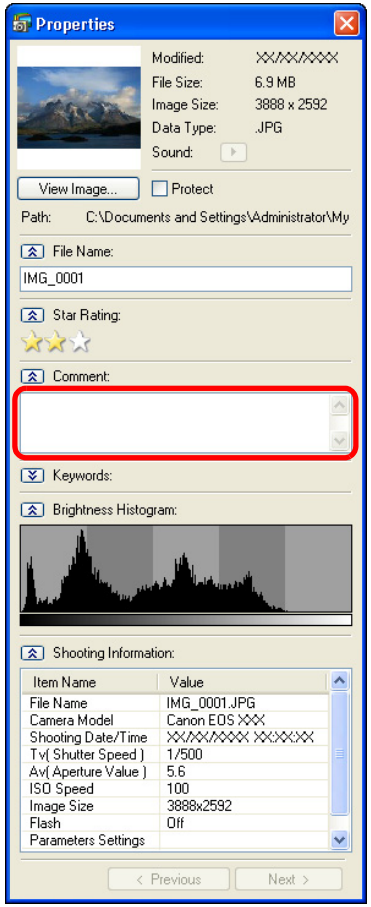
You can enter information relating to images as comments. The entered comments are also useful when searching for images (p.53).

1 Display the [Properties] window (p.47).

2 Click the [ ] button in [Comment].

➜A field for entering comments is displayed.

3 Enter text and then press the < Enter > key on the keyboard.



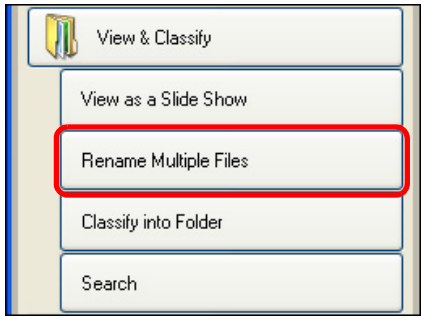
➜The entered text is saved in the image.

Saving Multiple Images with New File Names

You can copy multiple images and save them with new file names in a single operation.

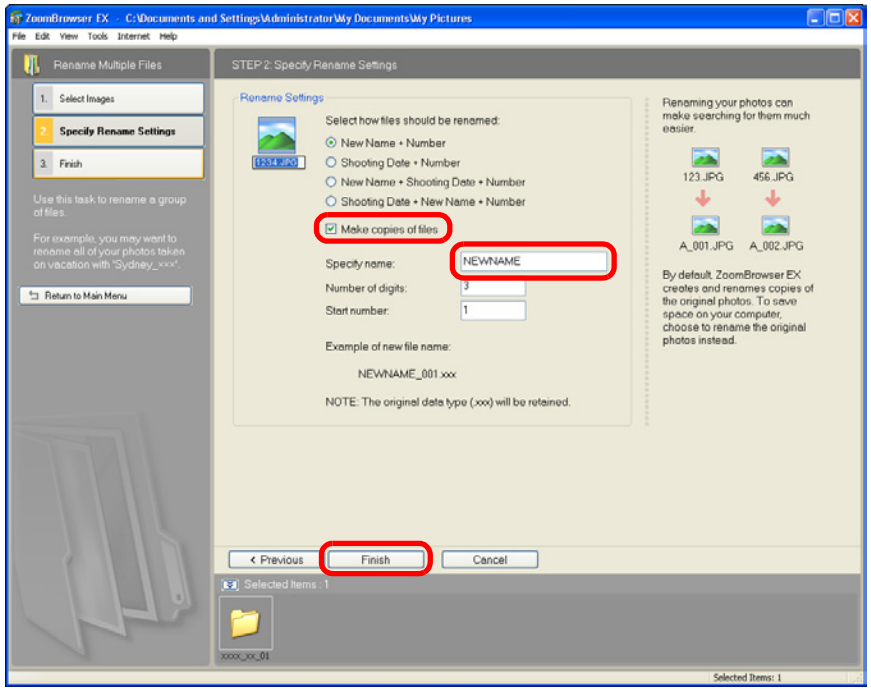
1 **Select all the images you want to save with new file names** (p.11)**.**

2 **Click the buttons [View & Classify] ▶ [Rename Multiple Files].**



➜The [Rename Multiple Files] window appears.

3 **Checkmark [Make copies of files], enter the file name and then click the [Finish] button.**



➜Images separate from the original images are saved with the new names.

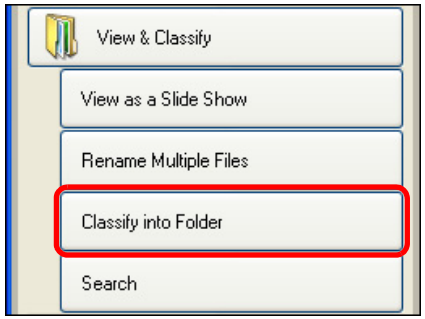
In step 3, if you remove the check mark from [Make copies of files] in the window, please be aware that the file name for all the selected images including the original images changes.

Classifying Images by Shot Date

Multiple images can be classified into different folders according to shot date.

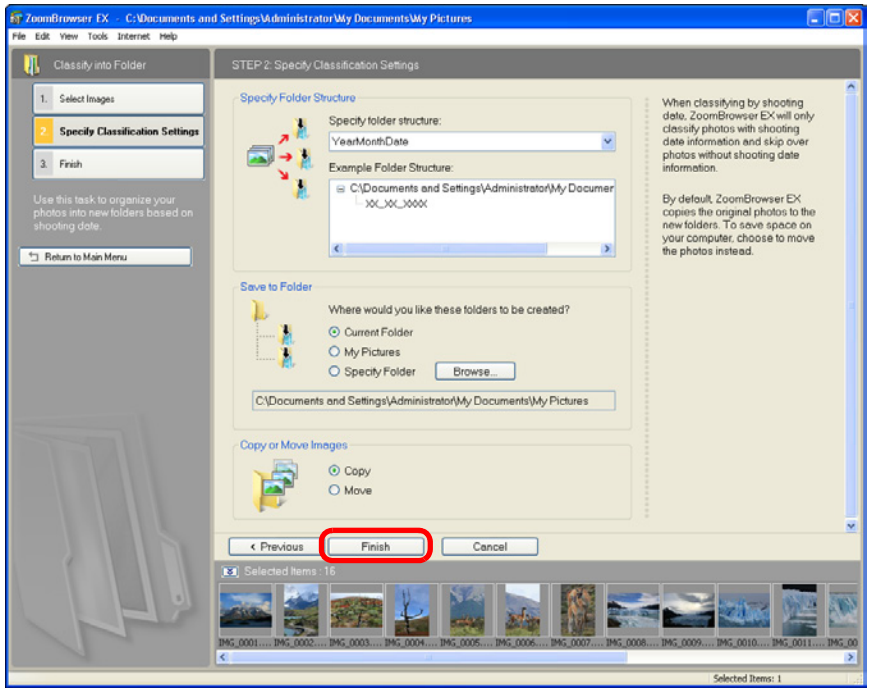
1 **Select all the images to be classified** (p.11)**.**

2 **Click the buttons [View & Classify] ▶ [Classify into Folder].**



➜The [Classify into Folder] window appears.

3 **Specify the folder structure and save destination, and then click the [Finish] button.**


ZoomBrowser EX - C:\Documents and Settings\Administrator\My Documents\My Pictures
File Edit View Tools Internet Help
Classify into Folder
1. Select Images
2. Specify Classification Settings
3. Finish
Use this task to organize your photos into new folders based on shooting date.
Return to Main Menu
STEP 2: Specify Classification Settings
Specify Folder Structure
Specify folder structure:
YearMonthDate
Example Folder Structure:
C:\Documents and Settings\Administrator\My Documer
XX_XX_XXXX
When classifying by shooting date, ZoomBrowser EX will only classify photos with shooting date information and skip over photos without shooting date information.
By default, ZoomBrowser EX copies the original photos to the new folders. To save space on your computer, choose to move the photos instead.
Save to Folder
Where would you like these folders to be created?
Current Folder
My Pictures
Specify Folder
Browse...
C:\Documents and Settings\Administrator\My Documents\My Pictures
Copy or Move Images
Copy
Move
Previous
Finish
Cancel
Selected Items: 16
Selected Items: 1

➜Images are classified by shot date.

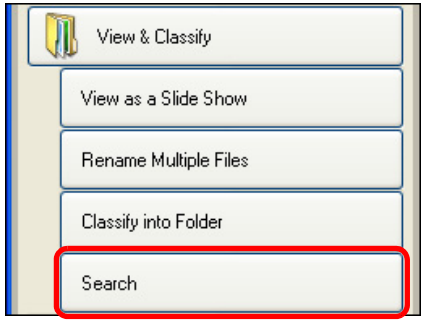
Settings for Folder Structure

Setting Item	Description
YearMonthDate	Classifies images by creating a first-level folder according to shot year/month/date.
Year\YearMonthDate	Classifies images by creating a second-level folder for the shot year, and the month and date.
Year\Month\ YearMonthDate	Classifies images by creating a third-level folder for the shot year, the month, and the date.

Searching for Images

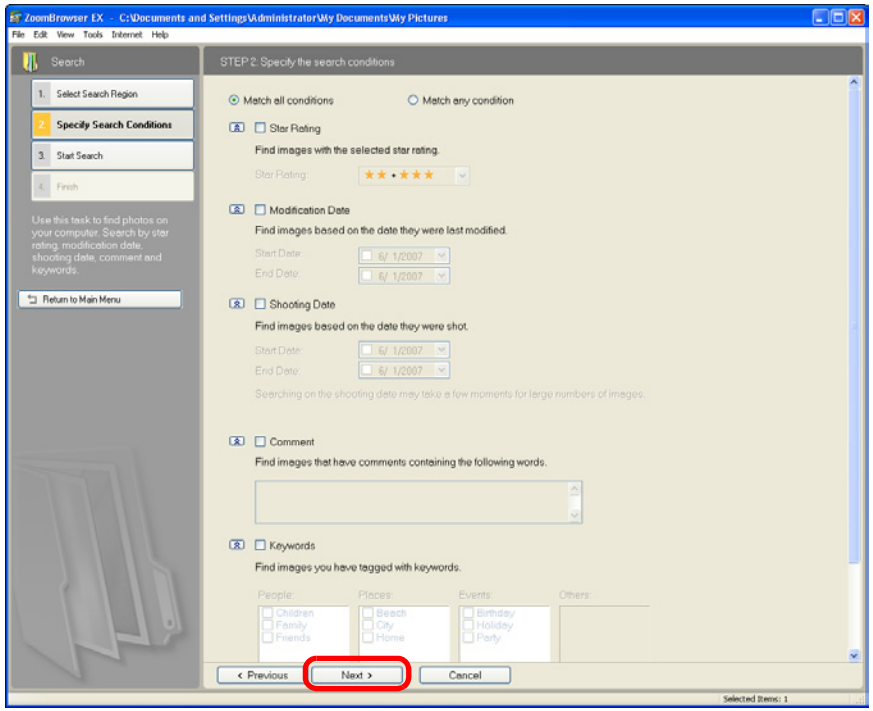
You can search for images by ratings (p.21), shot date, update, comments (p.50) and keywords (p.50).

1 Click the buttons [View & Classify] ▶ [Search].



➜The [Search] window appears.

2 Specify the search criteria and then click the [Next] button.



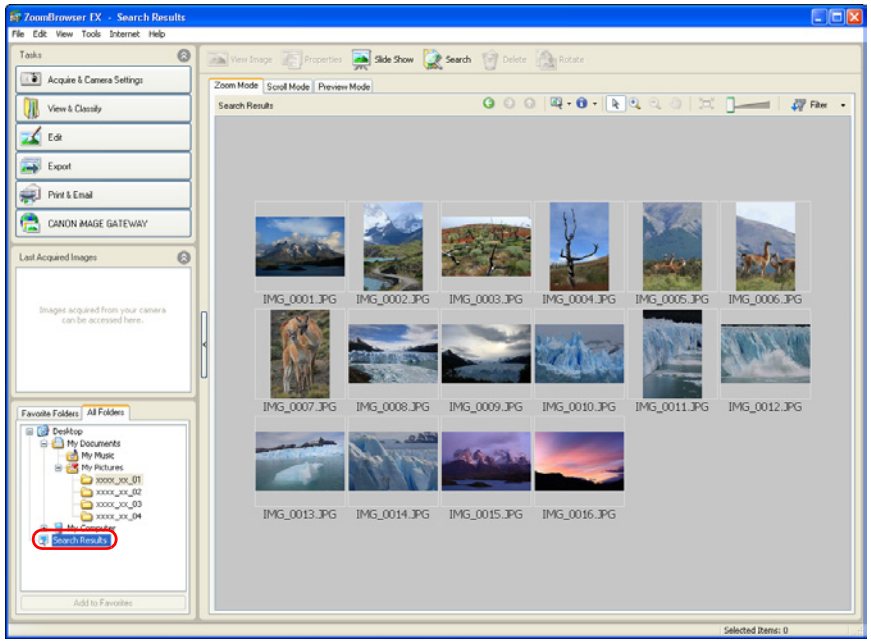
➜The search begins and the images that match the criteria are displayed.

3 Click the [Finish] button to close the search results window.

➜The display returns to the main window.

4 Check the searched images in the main window.

- The searched images are displayed as [Search Results] in the folder area in the main window. If you select this folder, the searched images are displayed.



- The images inside the [Search Results] folder are stored until you either perform another search or exit ZB.
- Any work you do on images inside the [Search Results] folder will be applied to all the original images. Therefore, please be aware that if you edit or delete images inside the [Search Results] folders, the original images will be edited or deleted also.

You can click the [Search] button in the main window and display the [Search] window.

Performing Advanced Editing

This section explains image editing using high-level functions based on the assumption that you are familiar with handling standard image editing software.

JPEG images deteriorate slightly when edited and saved, and the image before editing cannot be recovered. For this reason, an edited JPEG image should be saved as a separate image from the original image.

Adjusting the Color of an Image in RGB

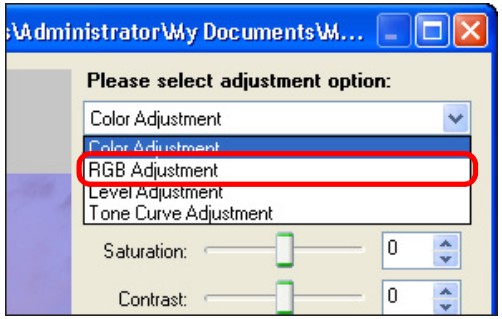
You can adjust the color of an image in RGB (red, green, blue).

1 **Select an image and display the [Edit Image] window** (p.29)**.**

2 **Select [Color/Brightness Adjustment] and then click the [Finish] button.**

➜The [Color/Brightness Adjustment] window appears.

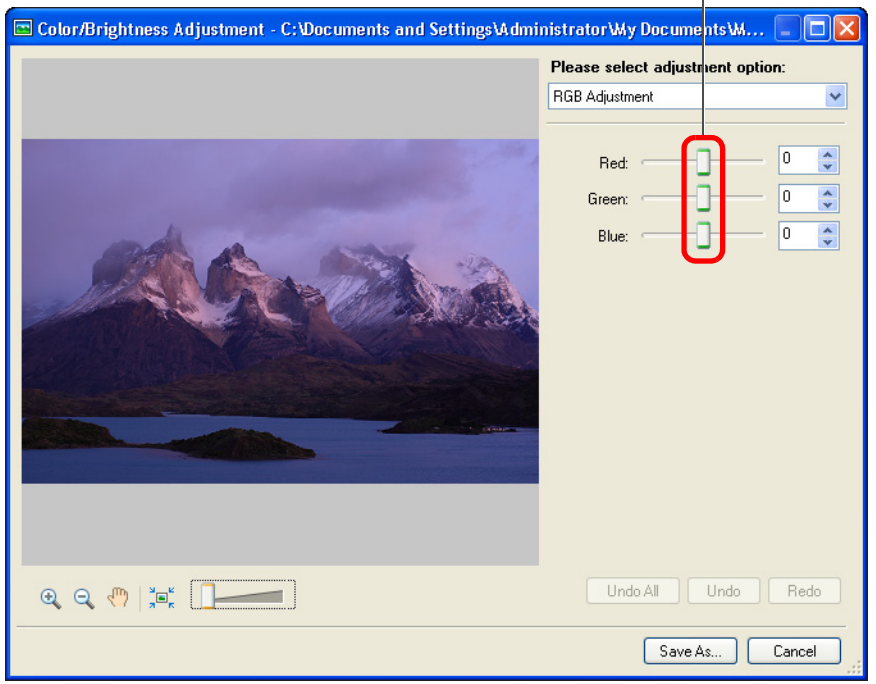
3 **From the list box, select [RGB Adjustment].**



➜The window switches to the [RGB Adjustment] window.

4 **Adjust the image.**

Drag to the left or right to adjust



➜The image is adjusted.

5 **Click the [Save As] button and save as a separate image** (p.30)**.**

Adjusting the Brightness Level

You can adjust the level of brightness (balance).

1 **Select an image and display the [Edit Image] window (p.29).**

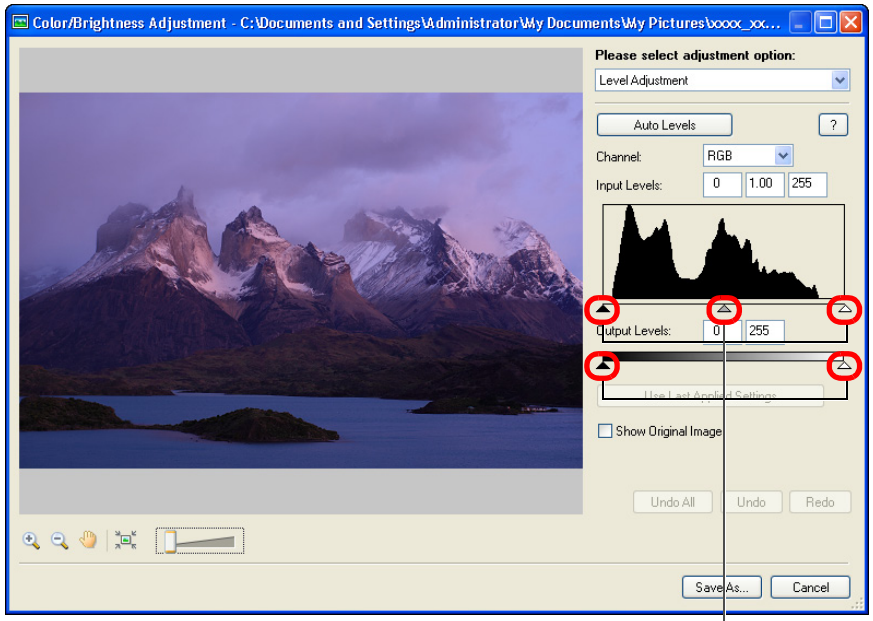
2 **Select [Color/Brightness Adjustment] and then click the [Finish] button.**

➜The [Color/Brightness Adjustment] window appears.

3 **From the list box (p.54), select [Level Adjustment].**

➜The window switches to the [Level Adjustment] window.

4 **Adjust the image.**



Drag to the left or right to adjust

➜The image is adjusted.

5 **Click the [Save As] button and save as a separate image (p.30).**

Adjusting the Tone Curve

You can adjust the brightness, contrast and color of a specific area by changing the tone curve.

1 **Select an image and display the [Edit Image] window (p.29).**

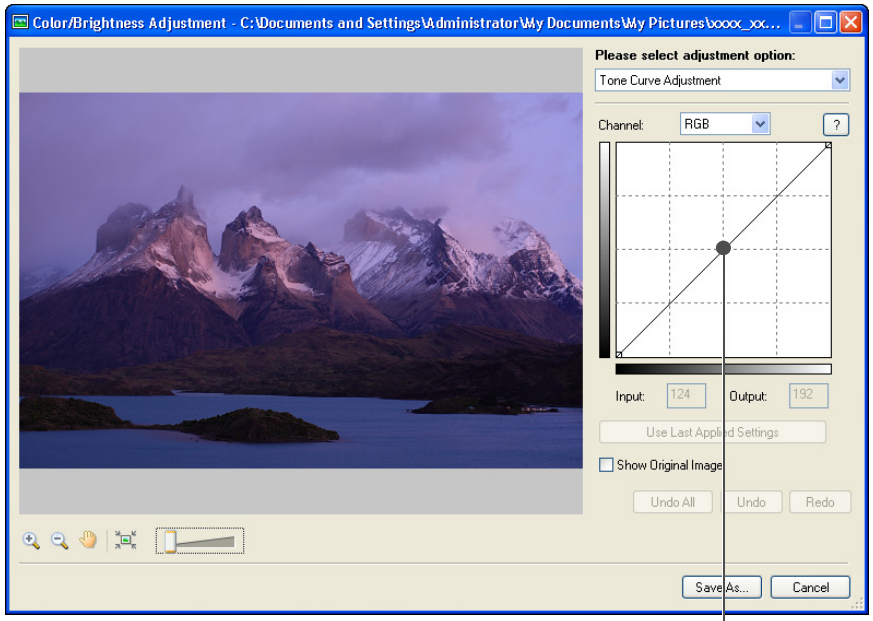
2 **Select [Color/Brightness Adjustment] and then click the [Finish] button.**

➜The [Color/Brightness Adjustment] window appears.

3 **From the list box (p.54), select [Tone Curve Adjustment].**

➜The window switches to the [Tone Curve Adjustment] window.

4 Adjust the image.



Click to add a [■] (point)
Adjust by dragging [■]

➜The image is adjusted.

- The horizontal axis shows the input level and the vertical axis shows the output level.
- The maximum number of [■] is 10.
- To delete a [■], either press the < Del > key on the keyboard or double-click on the [■].

5 Click the [Save As] button and save as a separate image (p.30).

Unsharpening an Image

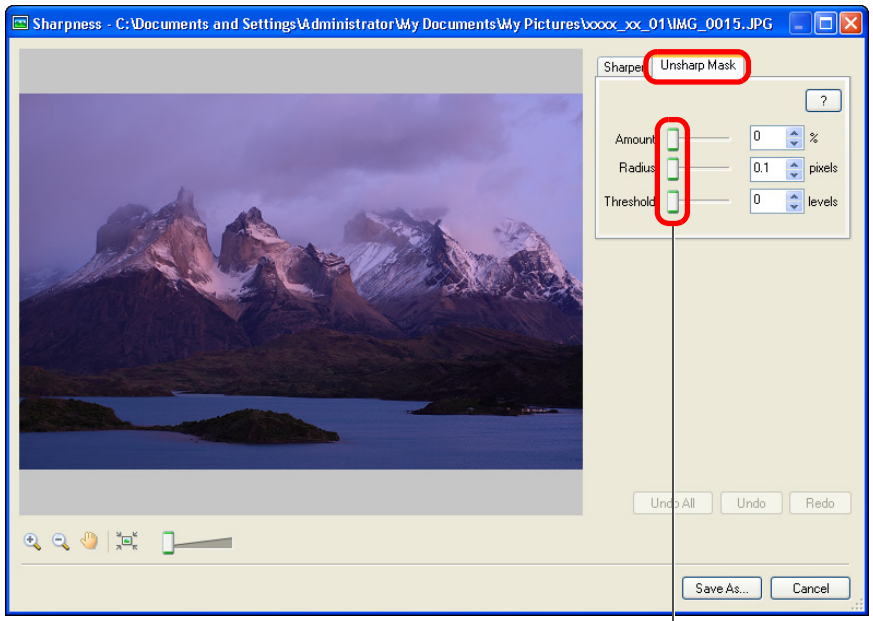
You can set amount, radius and threshold values and adjust sharpness.

1 Select an image and display the [Edit Image] window (p.29).

2 Select [Sharpness] and then click the [Finish] button.

➜The [Sharpness] window appears.

3 Select the [Unsharp Mask] tab sheet and adjust.



Drag right to adjust

➜The image is adjusted.

4 Enlarge the window and check the adjustments (p.30).

5 Click the [Save As] button and save as a separate image (p.30).

Transferring Images to Other Image Editing Software

You can transfer images to image editing software other than ZB.

1 **Select an image and display the [Edit Image] window (p.29).**

2 **Select [Edit with external image editor].**

3 **Click the [Manage List] button and then register the image editing software.**

- Select the image editing software in the window that appears.

4 **In the [Edit with external image editor] list box, select the registered image editing software.**

5 **Click the [Finish] button.**

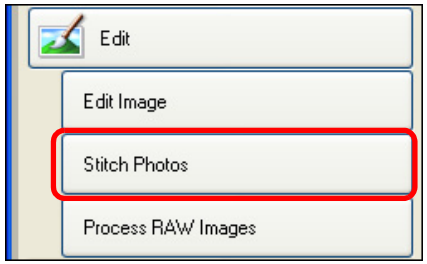
➜The software selected in step 4 starts up and the image selected in step 1 is displayed.

Merging Images to Create Panorama Images

You can merge up to four JPEG images to create panorama images. For merging images, start up the image-merging software “PhotoStitch” from ZB and use.

1 **Select multiple images to merge (p.11).**

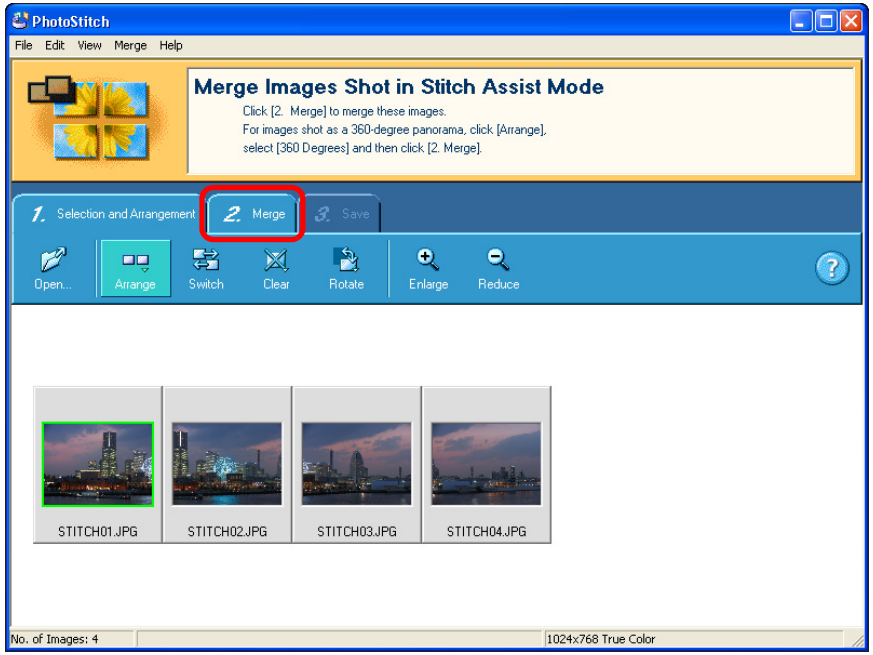
2 **Click the buttons [Edit] ▶ [Stitch Photos].**



➜PhotoStitch starts up and the main window appears.

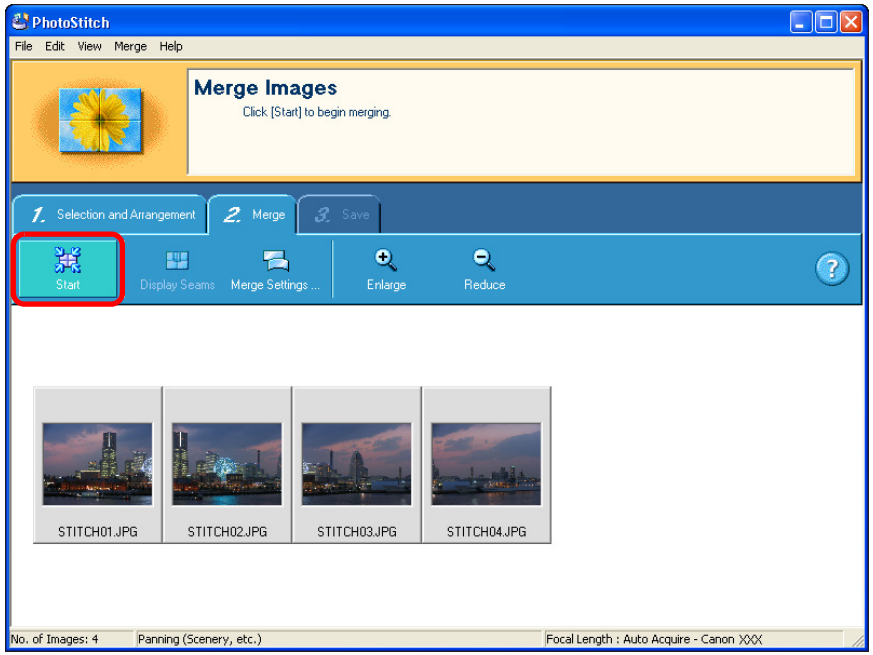
3 Check the arrangement of the images to be merged and click the [2. Merge] tab sheet.

- If the arrangement of the images to be merged is not correct, drag the images to rearrange them.



➜The window switches to the [2. Merge] tab sheet.

4 Click [Start] to merge.

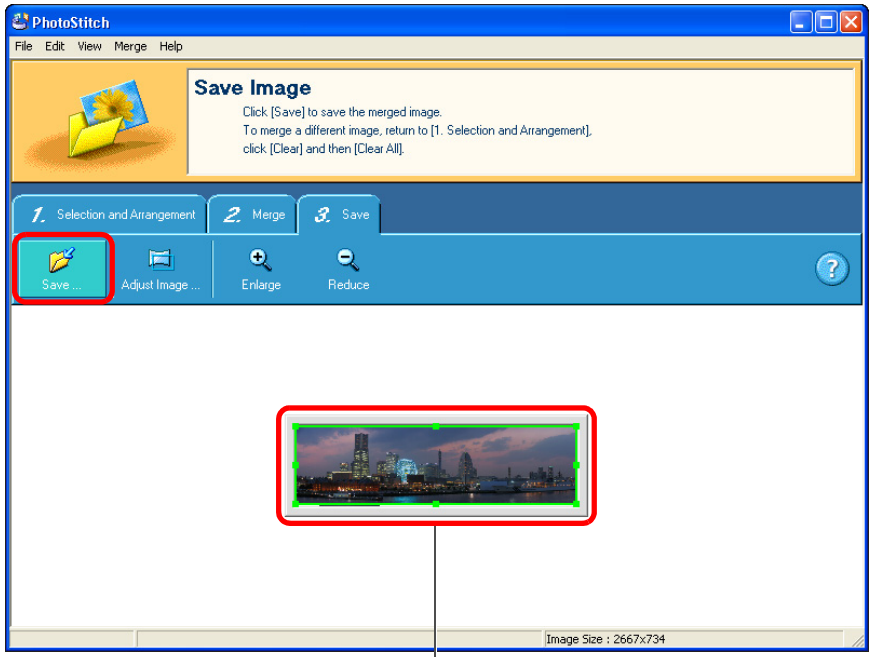


➜The images are merged and displayed.

5 Click the [3. Save] tab sheet.

➜The display switches to the [3. Save] tab sheet.

6 Check the save range and then click [Save].



Save range
Drag [■] to change the range

➜The [Save As] dialog box appears.

7 Specify the save destination and then click the [Save] button.

➜The merged images are saved.

8 Select the [File] menu ▶ [Exit].

➜PhotoStitch exits.

See also the Help that are displayed when you click [?] on the right of the window for information on operating PhotoStitch and PhotoStitch functions.

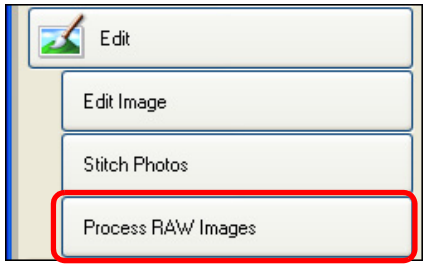
Adjusting RAW Images

You can make the same adjustments (reset processing conditions) to RAW images as the functions that are available on the camera, such as brightness and white balance adjustment. You can also convert edited RAW images to JPEG or TIFF images and save them.

Because only the image processing conditions are changed when a RAW image is adjusted, the original image data remains totally unaffected. For this reason, image deterioration that usually accompanies editing does not occur and you can readjust, redo or undo changes knowing that you can always revert to the original shot condition of the image.

1 Select a RAW image.

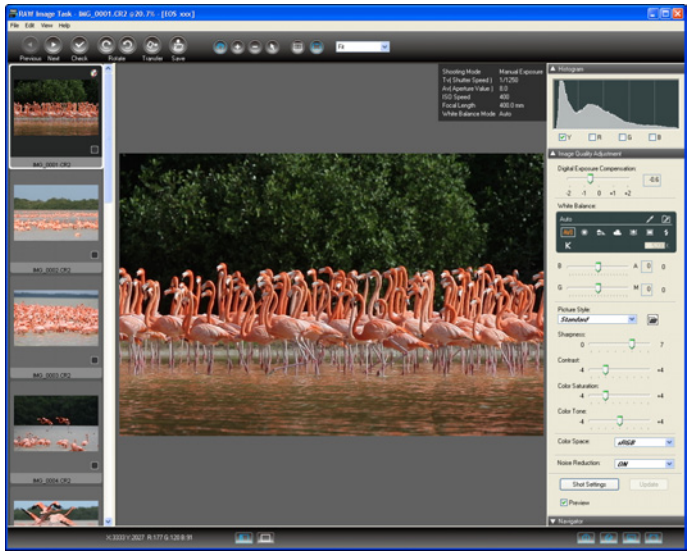
2 Click the buttons [Edit] ▶ [Process RAW Images].



➜RAW Image Task starts up and the main window appears.

3 Adjust the image.

RAW Image Task main window

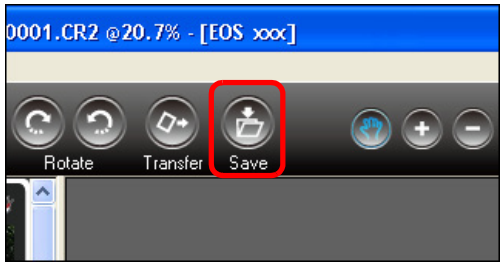


➜The image is adjusted.

➜For the adjustment items in the RAW Image Task main window, refer to p.79.

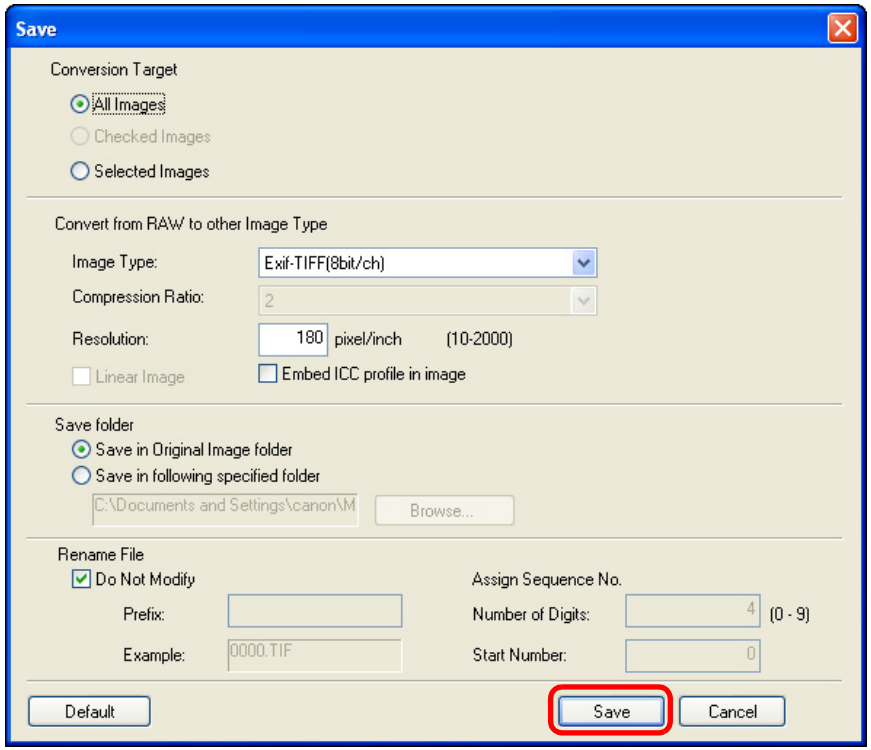
- Adjustment items displayed in [Image Quality Adjustment] vary depending on the camera model used for shooting the RAW image.

4 Click the [Save] button.



➜The [Save] dialog box appears.

5 Specify the type for the image to be saved and the save destination, and then click the [Save] button.



➜The processing dialog box appears and the JPEG image or TIFF image that has been converted from a RAW image is saved in the specified place. The RAW image remains unaffected.

6 Select the [File] menu ▶ [Exit] to exit.

➜RAW Image Task exits.

See also [RAW Image Task Help] and the [Help] menu for information on operating RAW Image Task and RAW Image Task functions.

Applying multiple adjustment settings to an image at one time

1 Remove the check mark from [Preview].

2 Set multiple adjustment items.

3 Click the [Update] button.
➜ All the adjustments are saved to the image and redisplayed in one operation.

Applying adjustment settings to another image

You can apply the settings that have been adjusted in [Image Quality Adjustment] to another image by selecting the [Edit] menu ▶ [Development Conditions] ▶ [Copy] or [Paste] in the RAW Image Task main window (p.79). You can also select [Save] or [Load] to save or download the settings as a separate file from the image (extension ".DVP").

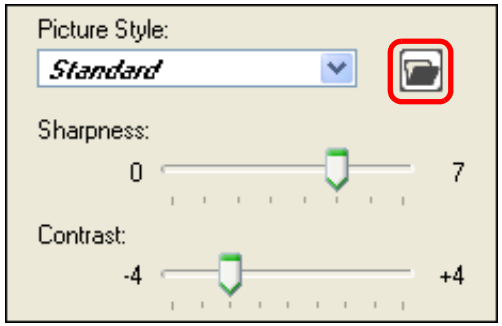
- It takes approximately 1 to 3 seconds until the adjusted image is redisplayed (undergone development processing) (when using the following: OS: Windows XP; CPU: 2.2 GHz Pentium 4; RAM: 512MB). However, the time it takes to redisplay an image varies greatly depending on the camera model used to shoot the image, computer type and the subject of the image.
- A Picture Style file is an extended function of Picture Style. It is a file that offers effective image characteristics for an image shot in an extremely limited scene. For more details on Picture Style files, refer to the Canon's web site.

Applying Picture Style Files

You can apply Picture Style files downloaded from Canon's web site and saved to your computer, as well as Picture Style files created with Picture Style Editor and saved to your computer, to RAW images.

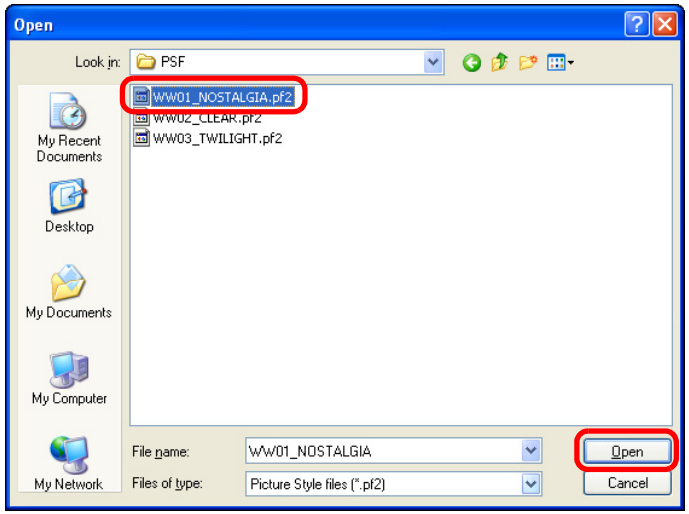
1 Display the main window of RAW Image Task (p.59).

2 Click [ ].



➜ The [Open] window appears.

3 Select a Picture Style file, and then click the [Open] button.



➜ The Picture Style file is loaded and applied to the image.

- A Picture Style file is an extended function of Picture Style. For more details on Picture Style files, refer to the Canon's web site.
- The Picture Style files that you can apply to the camera are files with the ".PF2" extension only.
- Only one Picture Style file can be loaded for one RAW image. To apply another Picture Style file, repeat steps 2 to 3.
- For details on using Picture Style Editor, refer to the "Picture Style Editor Instruction Manual" (PDF electronic manual).

White Balance Files and Tone Curve Files

White balance (EOS-1D series cameras and EOS 40D) and tone curve (EOS-1D series cameras excluding EOS-1Ds Mark III and EOS-1D Mark III) adjustments made to RAW images can be saved as a file as explained below and then registered to a camera and used.
For information on registering cameras, see the two related pages below in "Chapter 2: Setting the Camera from Your Computer" in the "EOS Utility Instruction Manual" (PDF electronic manual).

- For details on white balance files, refer to "Registering Personal White Balance in the Camera".
- For details on tone curve files, refer to "Setting Parameters and Applying to the Camera".

Saving White Balance Files

1 Adjust white balance in [Image Quality Adjustment].

2 Click [ ] to save as a white balance file.

- Click [ ] to save the adjusted white balance results as a white balance file (extension ".WBD").

3 Use EOS Utility to register the saved file to the camera.

Saving Tone Curve Files (Excludes the EOS-1Ds Mark III and EOS-1D Mark III)

1 Click [ ] in [Image Quality Adjustment] and adjust the tone curve.

2 Click the [Save] button to save as a tone curve file.

- Click the [Save] button in the [Tone Curve] dialog box to save the adjusted tone curve as a tone curve file (extension ".TCD").

3 Use EOS Utility to register the saved file to the camera.

- White balance files are not compatible with other camera models.
- Tone curve files for the EOS-1Ds Mark II and the EOS-1D Mark II are compatible and tone curve files for the EOS-1Ds and the EOS-1D are compatible.
- White balance files and tone curve files are compatible with Windows and Macintosh computers.

Adding Sound to Images/Playing Back

You can add sound to images and play back sound which you have added to images with a camera that has a sound record function.

Adding Sound to Images

You can add WAVE sound files to images (extension ".WAV").

1 Select an image to which you want to add sound.

2 Select the [Edit] menu ▶ [Add/Remove Sound].

→The [Sound] dialog box appears.

3 Click the [Add] button and select the sound file to be added to the image.

- Select a WAVE sound file.

→The display returns to the [Sound] dialog box.

4 Click the [OK] button to close the dialog box.

→The [ ] icon is displayed on images to which sound has been added.

Playing Back Sound

You can play back sound files that are attached to images.

1 Select an image to which a [ ] icon is attached.

2 Select the [Edit] menu ▶ [Play Sound].

→The sound is played back.

Printing Using Other Printing Software

You can start up printing software installed on your computer from within ZB and print images.

1 **Select an image you want to print.**

2 **Click the buttons [Print] ▶ [Print Using Other Software].**

➜The [Print Using Other Software] window appears.

3 **Select the printing software and then click the [Launch] button.**

➜The printing software starts up and the image you selected in step 1 is displayed.

4 **Make the necessary settings in the printing software and print.**

? Printing software does not appear

Printing software that is incompatible with ZB does not appear in the [Print Using Other Software] window and can therefore not be used to print.

4 Preferences

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General Settings 66
Selection Settings 67
Rotation Settings 67
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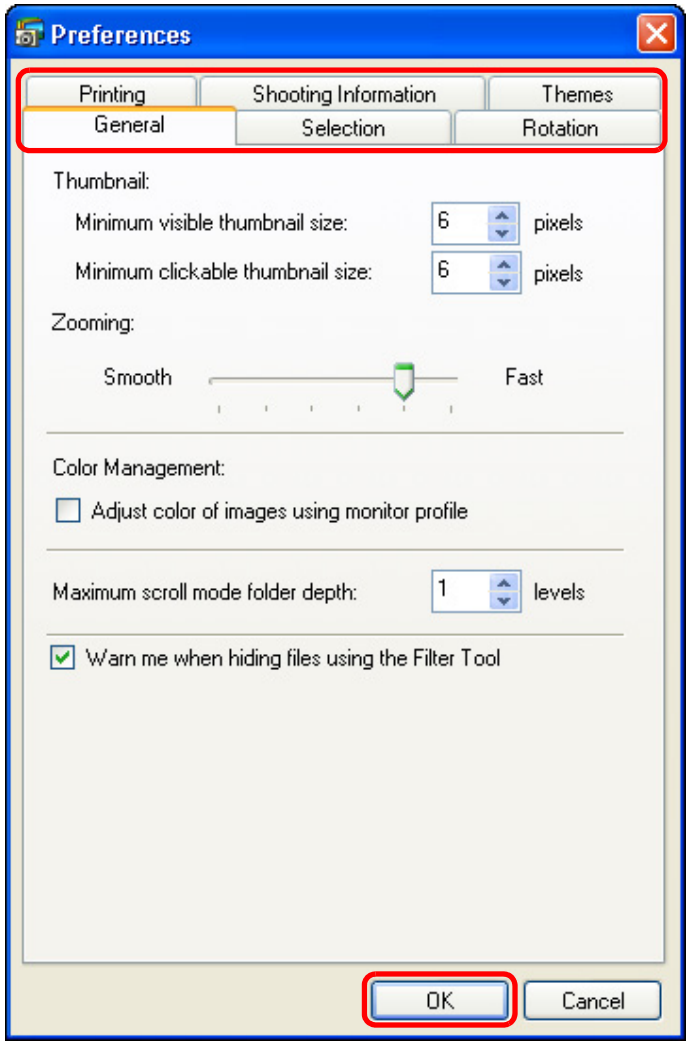
Preferences

You can change any of the ZB functions in the preferences window.
Check the settings displayed for each window before making changes.

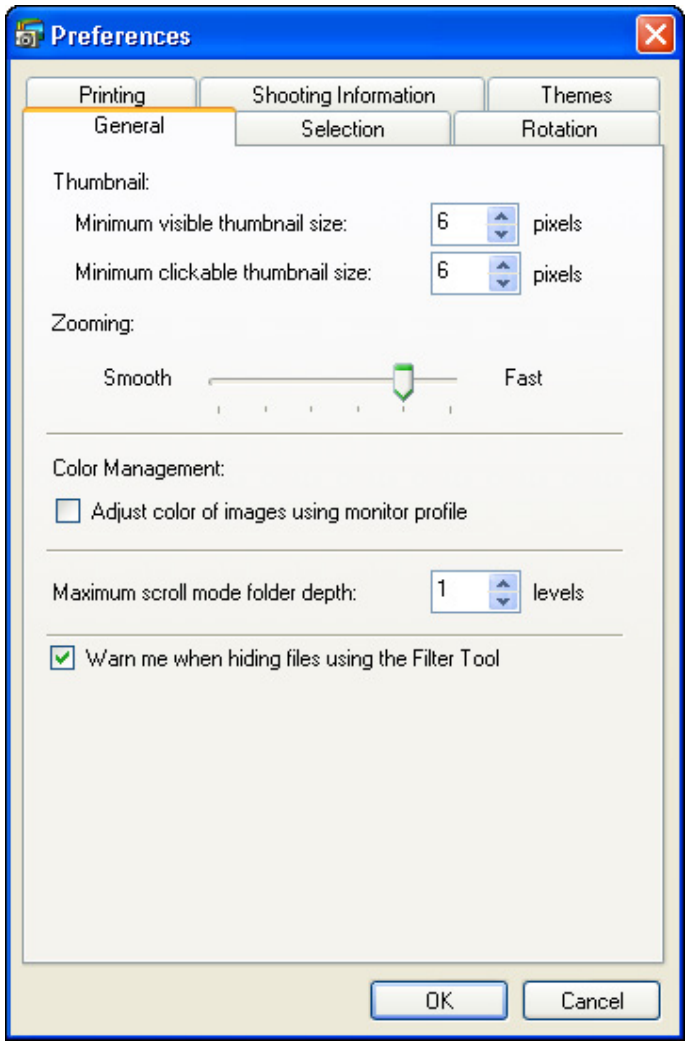
1 **Select the [Tools] menu ▶ [Preferences].**

2 **Select the tab sheet to be set, make changes to the settings and then click the [OK] button.**



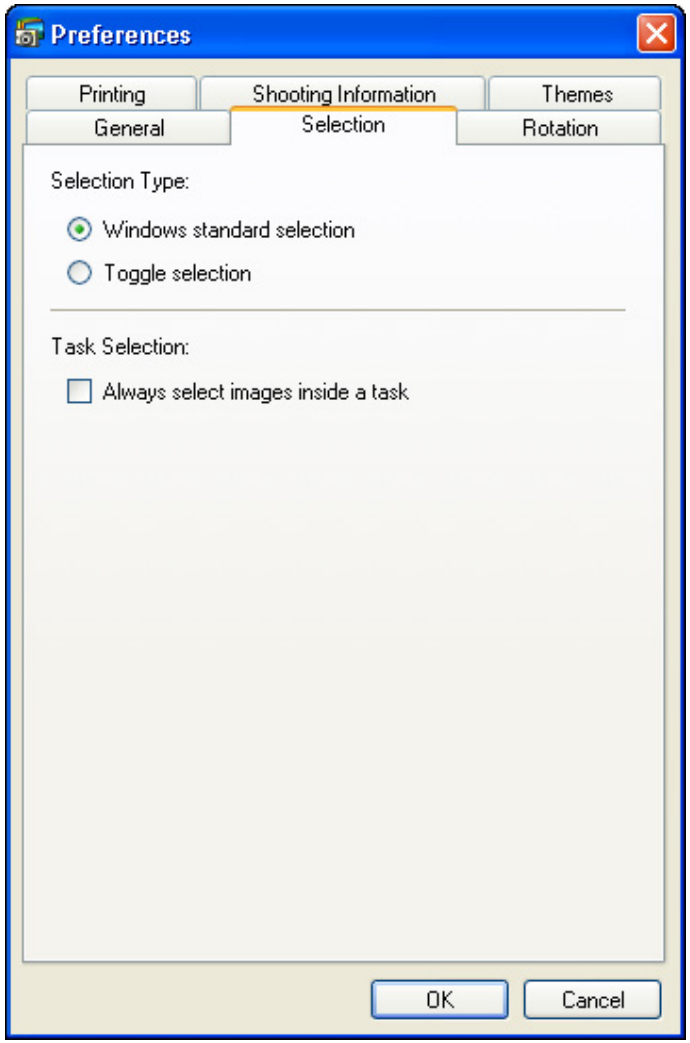
General Settings

You can make settings such as adjusting the minimum size of thumbnail images that are displayed in the main window, the speed of Zoom Mode (p.73), the levels of image and folder display in Scroll Mode (p.74) and color management.



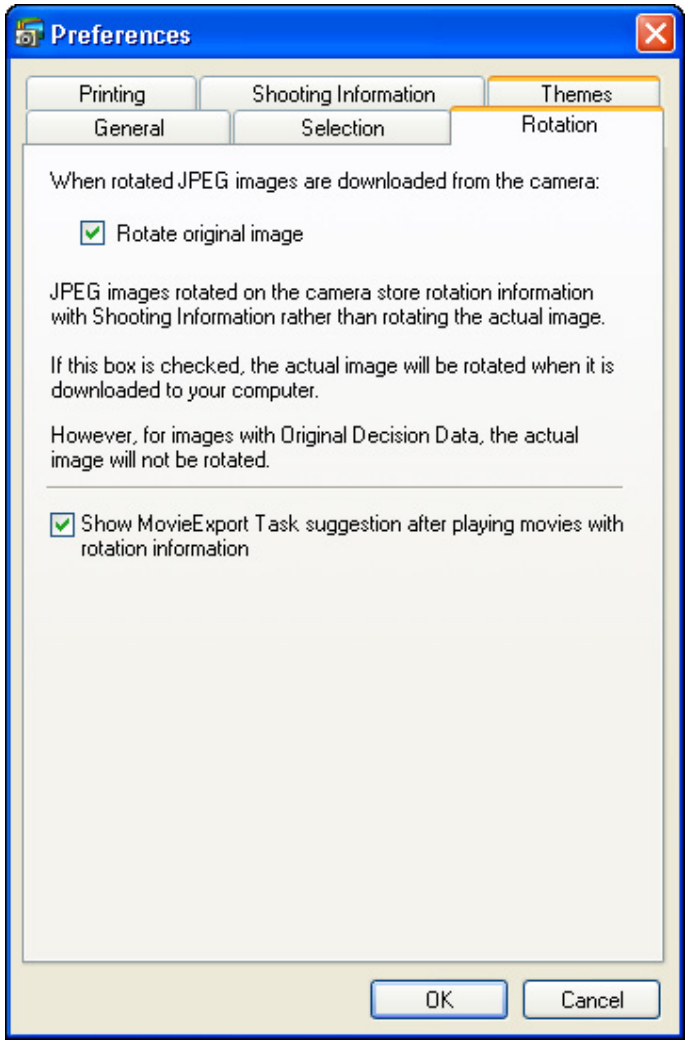
Selection Settings

You can make settings related to image selection.



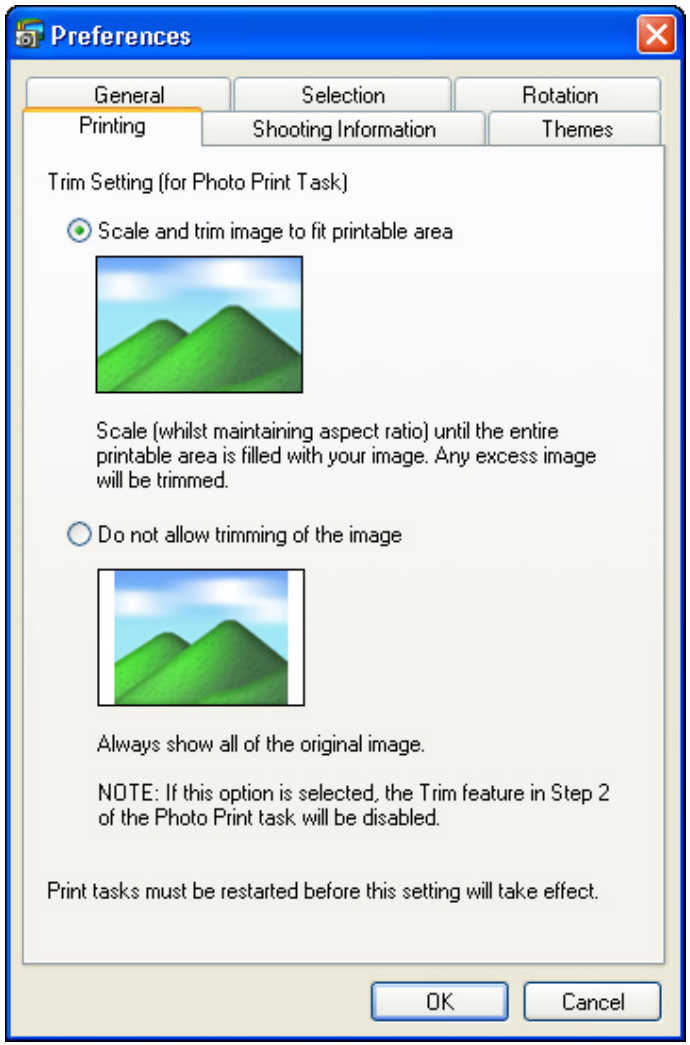
Rotation Settings

You can make settings related to image rotation.


Preferences
Printing
Shooting Information
Themes
General
Selection
Rotation
When rotated JPEG images are downloaded from the camera:
Rotate original image
JPEG images rotated on the camera store rotation information with Shooting Information rather than rotating the actual image.
If this box is checked, the actual image will be rotated when it is downloaded to your computer.
However, for images with Original Decision Data, the actual image will not be rotated.
Show MovieExport Task suggestion after playing movies with rotation information
OK
Cancel

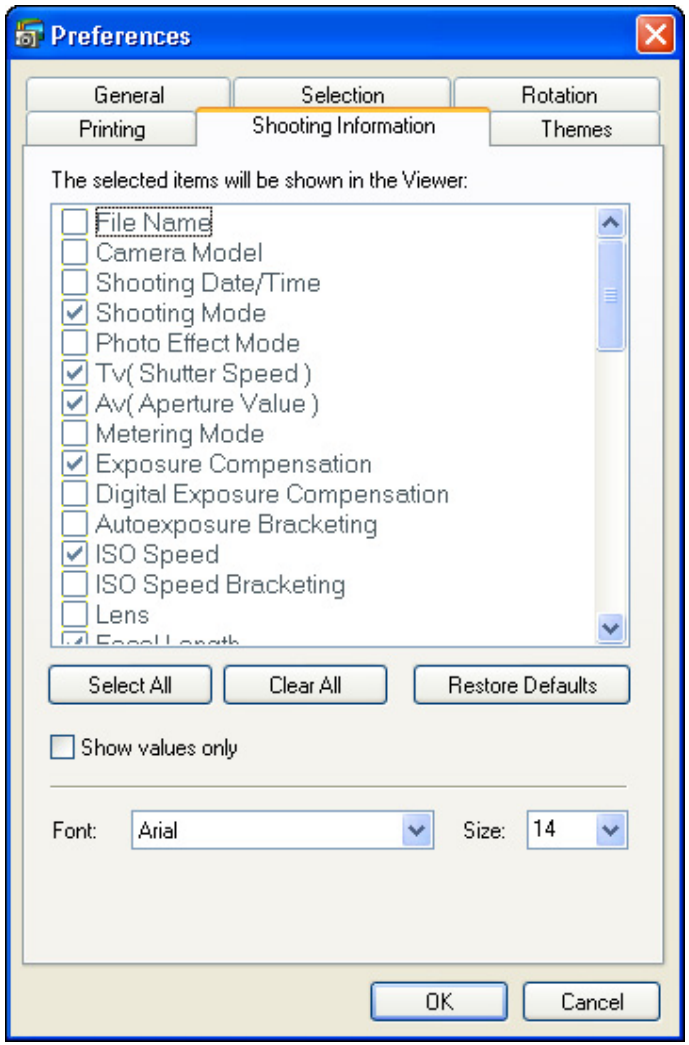
Printing Settings

If you are printing with the [Photo Print] window (p.15), you can set whether to trim the image and print with no borders around the paper, or to print as is without trimming.


Preferences
General
Selection
Rotation
Printing
Shooting Information
Themes
Trim Setting (for Photo Print Task)
Scale and trim image to fit printable area
Scale (whilst maintaining aspect ratio) until the entire printable area is filled with your image. Any excess image will be trimmed.
Do not allow trimming of the image
Always show all of the original image.
NOTE: If this option is selected, the Trim feature in Step 2 of the Photo Print task will be disabled.
Print tasks must be restarted before this setting will take effect.
OK
Cancel

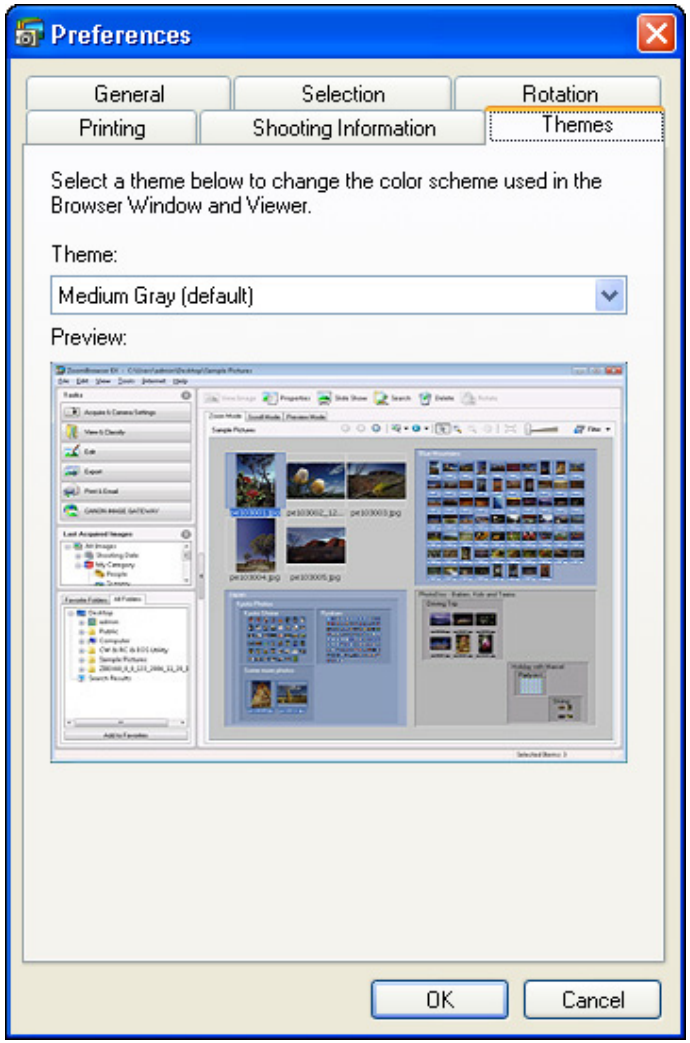
Shooting Information Settings

You can set the information that is displayed when you click [ ] (shooting information display) in the viewer window (p.76).



Themes Settings

You can set the background color for the main window.



Showing/Hiding Task Buttons

You can show or hide task buttons displayed on the left of the main window according to your requirements. Hiding buttons you do not use makes operating ZB easier.

1 **Select the [Tools] menu ▶ [Customize].**
➜The [Customize] dialog box appears.

2 **Remove the check mark from the buttons you want to hide.**

3 **Click the [OK] button to apply your changes.**

4 **Restart ZB for the settings to be applied.**

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Troubleshooting

If ZB is not operating correctly, refer to the items below.
Also refer to the Help from the [Help] menu or click the [?] button at the top of each window and refer to the Help displayed.

Installation could not be completed correctly

- You cannot install the software if a user setting other than [Computer administrator] privilege or [Administrator] privilege is selected. Select the [Computer administrator] privilege user setting in Windows XP or the [Administrator] privilege user setting in Windows 2000. For detailed information on selecting the user setting, refer to your computer User's Manual.

ZB does not work

- ZB does not operate correctly on a computer if its system requirements does not meet. Use ZB on a computer with compatible system requirements (p.72).
- Even if your computer has the RAM capacity (memory) described in the system requirements (p.72), if other applications are running at the same time as ZB, you may not have sufficient RAM (memory). Exit any applications other than ZB.

Images do not display properly

- Images that are not supported by ZB (p.72) do not display. There are various types of JPEG and TIFF images, so JPEG images other than Exif 2.2 and 2.21 compatible images and TIFF images other than Exif compatible images may not display properly.
- With initial settings, the color of images that have been shot in Adobe RGB appear weak. In this case, check the [General] tab sheet in preferences and checkmark [Adjust color of images using monitor profile] (p.66). Color management is performed and the color of the image shot with an Adobe RGB setting and the image shot with an sRGB setting are matched.

Deleting the Software (Uninstalling)

- Exit any applications before uninstalling the software.
- Log in under the Computer administrator/Administrator privileges when uninstalling the software.
- To prevent computer malfunctions, always restart your computer after you have uninstalled the software. Re-installing the software without first restarting your computer is particularly likely to result in computer malfunctions.

1 Select the [Start] button ▶ [All Programs] ([Programs] in Windows 2000) ▶ [Canon Utilities] ▶ [ZoomBrowser EX] ▶ [ZoomBrowser EX Uninstall].

2 Proceed with the uninstallation as directed by the on-screen messages.

➜The software is uninstalled.

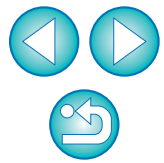
System Requirements

OS	Windows Vista*1 Windows XP Professional/Home Edition*2 Windows 2000 Professional*3	
Computer	PC with one of the above OS preinstalled (Upgraded machines not supported) * .NET Flamework 2.0 or later is required.*4	
CPU	Windows Vista	1.3GHz Pentium or higher
	Windows XP, 2000	500MHz Pentium or higher
RAM	Windows Vista	Minimum 512MB
	Windows XP, 2000	Minimum 256MB
Display	Screen resolution: 1024 × 768 pixels or more Color quality: Medium (16 bit) or more	

*1 Compatible with 32-bit/64-bit systems for all versions except Starter Edition
*2 Compatible with Service Pack 2
*3 Compatible with Service Pack 4
*4 .NET Flamework is Microsoft software. It is installed together with ZB.

Supported Images

Image type/Camera used		Extension
JPEG images	JPEG images shot with a Canon digital camera (Exif 2.2 or 2.21-compatible JPEG images)	.JPG, .JPEG
RAW images	EOS-1Ds Mark III EOS-1D Mark III EOS-1D Mark II N EOS-1Ds Mark II EOS-1D Mark II EOS 5D EOS 40D EOS 30D EOS 20D/20Da EOS DIGITAL REBEL XSi/450D EOS DIGITAL REBEL XTi/400D DIGITAL EOS DIGITAL REBEL XT/350D DIGITAL EOS 1000D	.CR2
	EOS-1Ds EOS-1D	.TIF
	EOS 10D EOS DIGITAL REBEL/300D DIGITAL EOS D60 EOS D30	.CRW
TIFF images	Exif-compatible TIFF images	.TIF, .TIFF
BMP images	Bitmap images	.BMP
PCD images	Photo CD images	.PCD



List of Main Window Functions

Zoom Mode

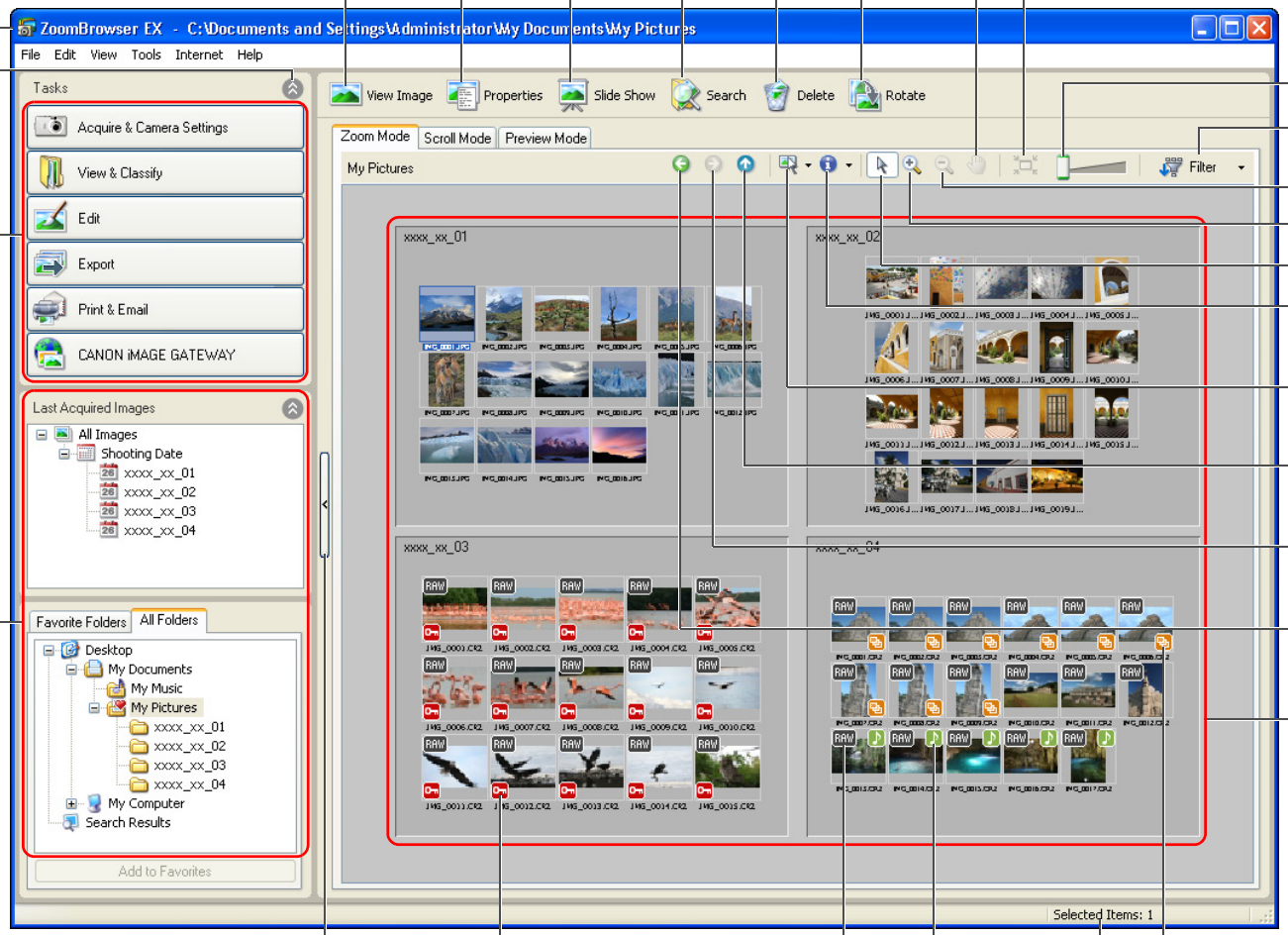


Image search (p.53)
Deletes images (p.26)
Slide show (p.36)
Rotates an image
Properties window (p.47)
Moves the enlargement display position (p.13)
Viewer window (p.76)
Full view (p.13)

Folder path
Shows/hides the task buttons
Task buttons*1
Folder area*2

Display magnification (p.13)
Filter display (p.22)
Reduction display (p.13)
Enlargement display (p.13)
Cancels [ ], [ ] or [ ]
Shows/hides the image or folder information
Selects/deselects all the images or folders
Displays the folder one level above
Returns to the display of the folder before [ ] is clicked
Returns to the display of the folder previously displayed
Image display area

Shows/hides the task buttons and folder area
Protect icon
RAW image icon
Audio recording icon
Bracketing icon
Number of selected images

*1 The [CANON iMAGE GATEWAY] button may not be displayed depending on the area you are in.
*2 Images in folders and folders selected here are displayed on the image display area.

Scroll Mode

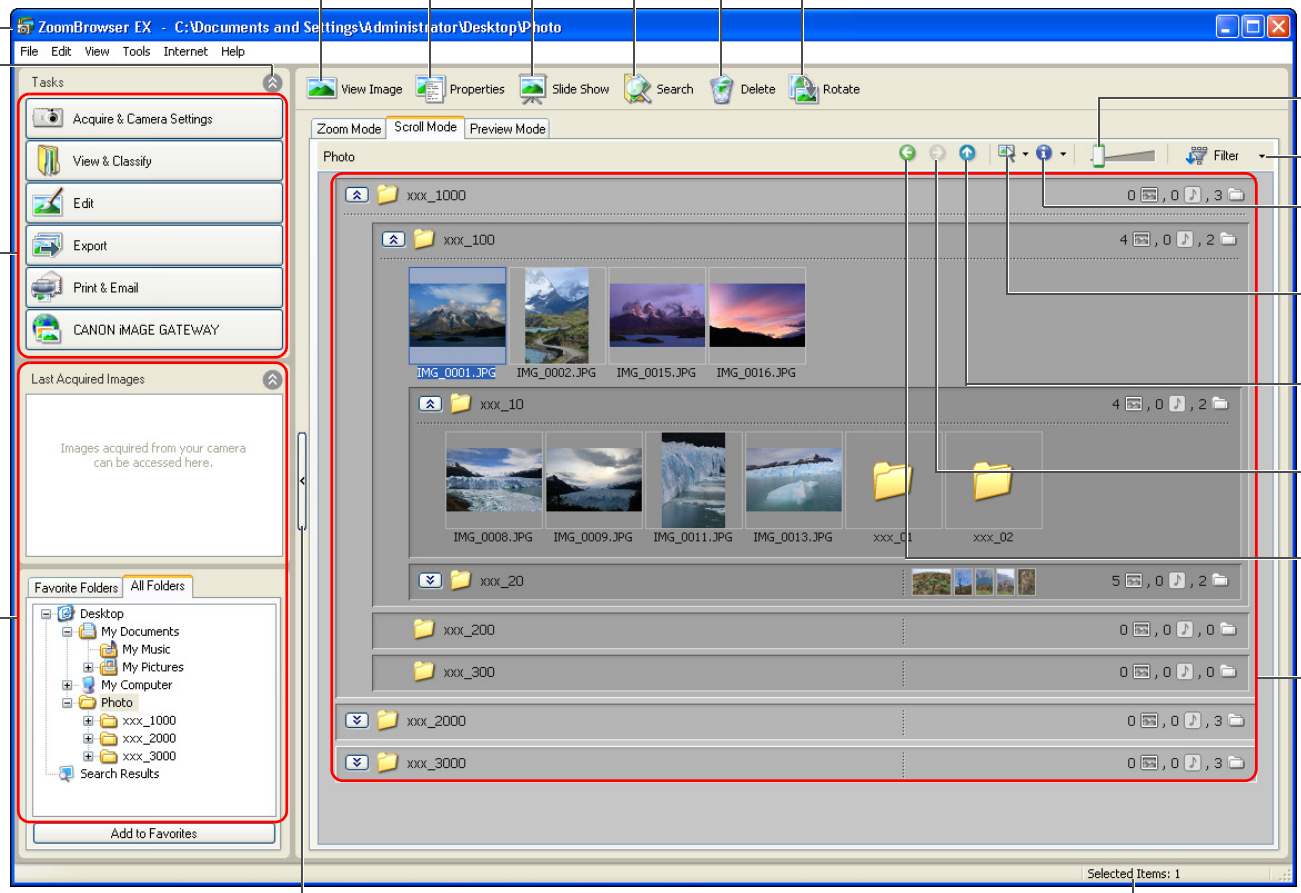


Image search (p.53)
Deletes images (p.26)
Slide show (p.36)
Rotates an image
Properties window (p.47)
Viewer window (p.76)
Folder path
Shows/hides the task buttons
Task buttons*1
Folder area*2
Display magnification (p.13)
Filter display (p.22)
Shows/hides the image or folder information
Selects/deselects all the images or folders
Displays the folder one level above
Returns to the display of the folder before [ ] is clicked
Returns to the display of the folder previously displayed
Image display area
Shows/hides the task buttons and folder area
Number of selected images

*1 The [CANON iMAGE GATEWAY] button may not be displayed depending on the area you are in.
*2 Images in folders and folders selected here are displayed on the image display area.

Preview Mode

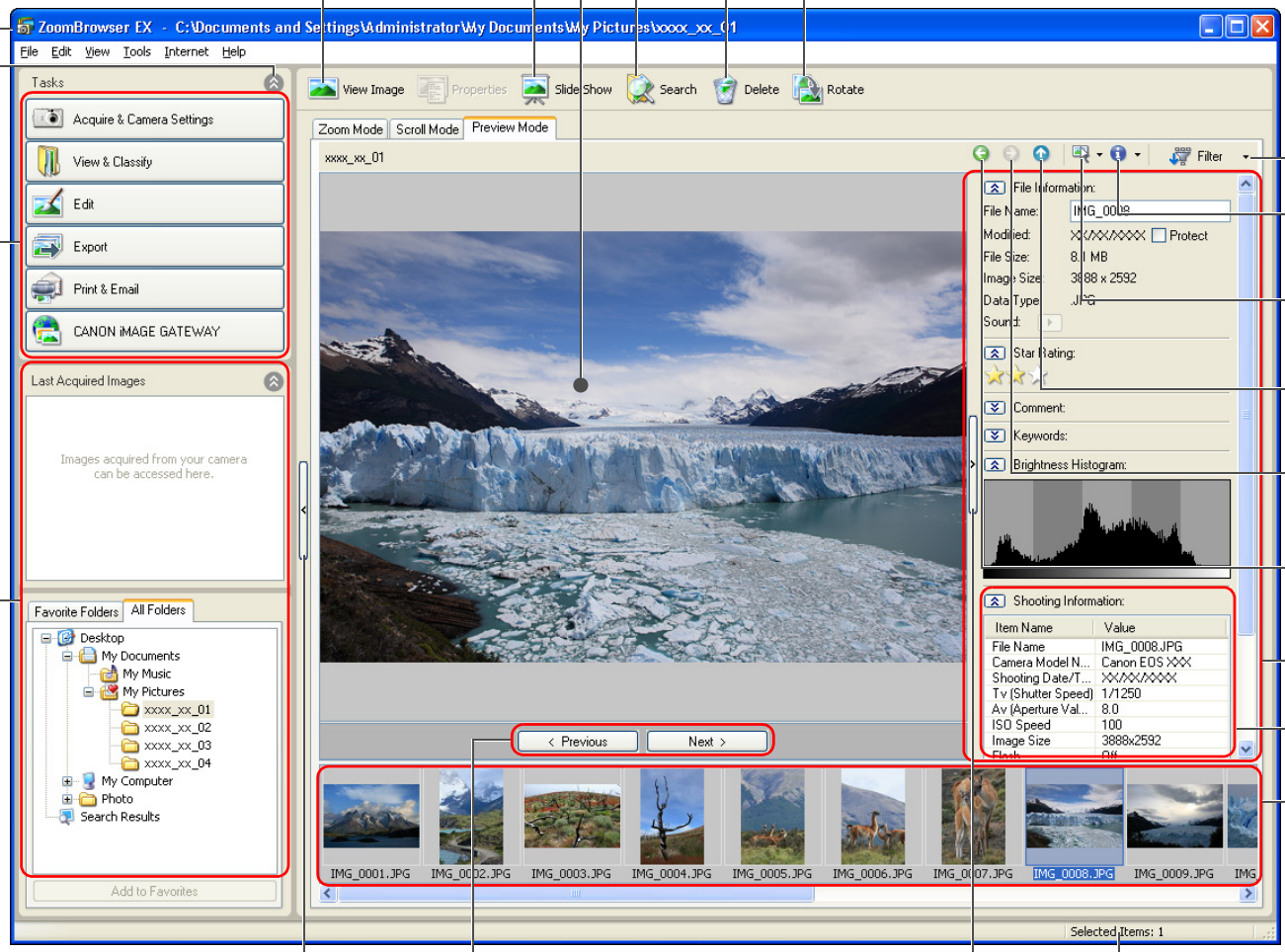
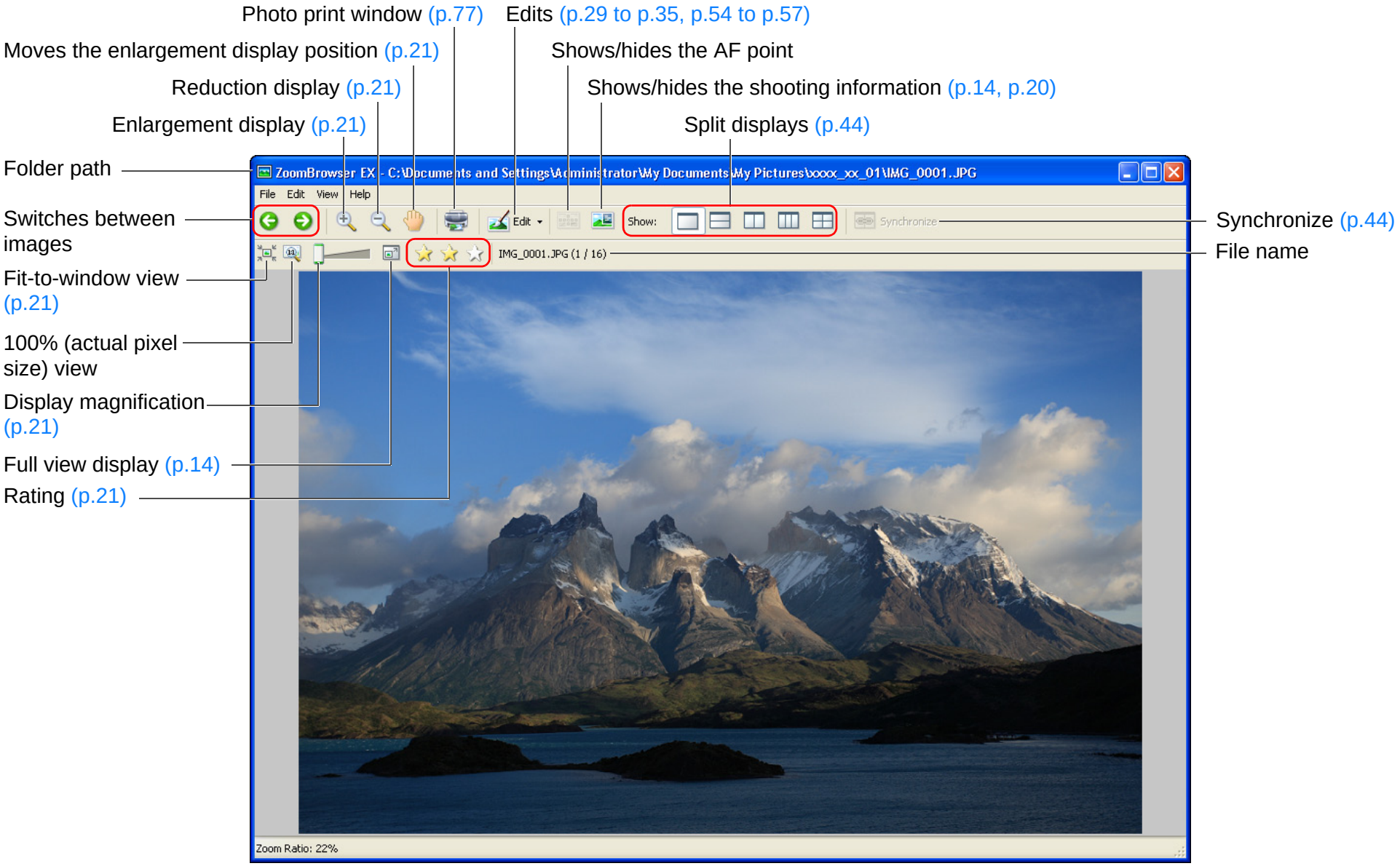


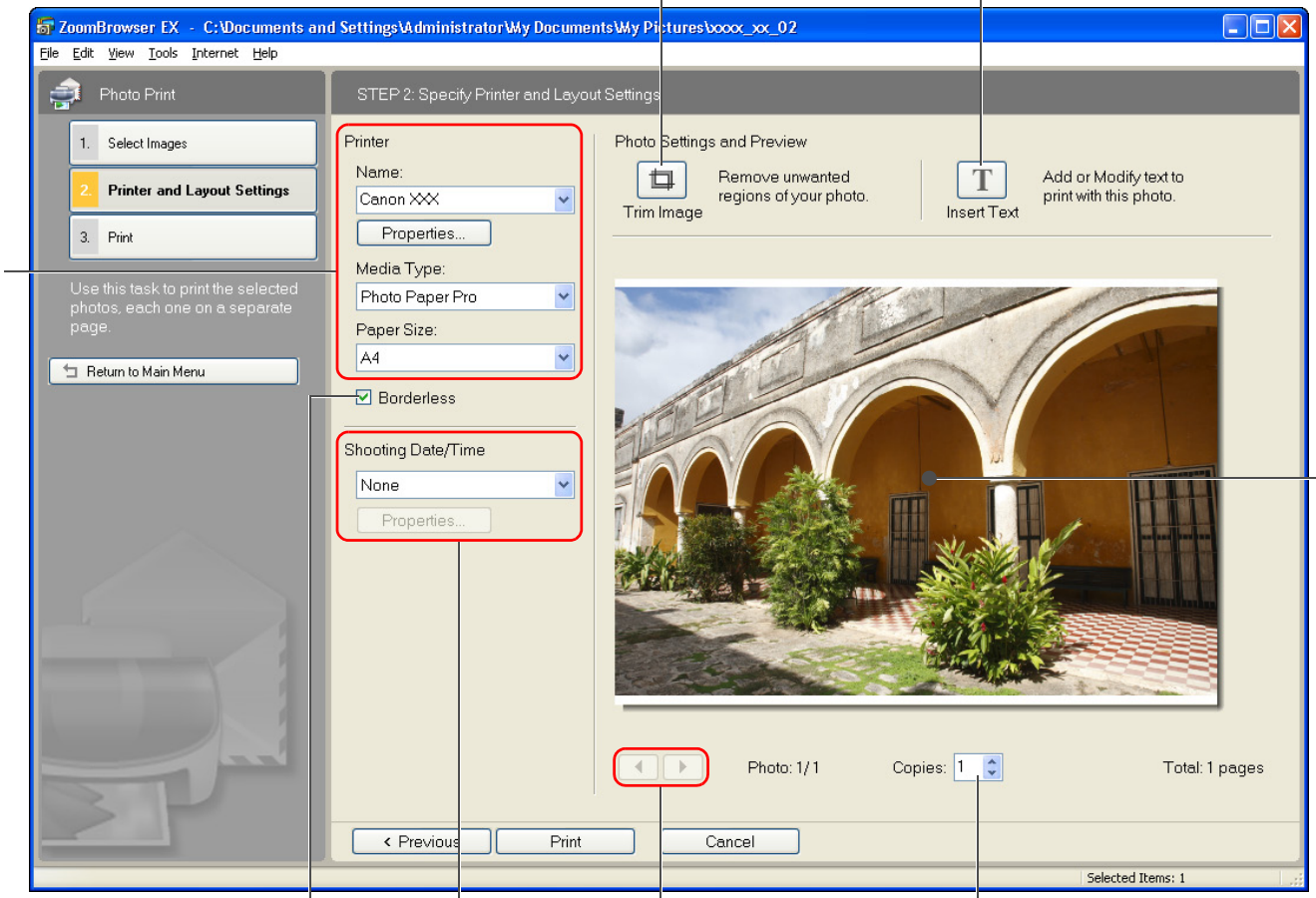
Image display area
Image search (p.53)
Slide show (p.36)
Deletes images (p.26)
Viewer window (p.76)
Rotates an image
Folder path
Shows/hides the task buttons
Task buttons*1
Folder area*2
Filter display (p.22)
Shows/hides the image or folder information
Selects/deselects all the images or folders
Displays the folder one level above
Returns to the display of the folder before [ ] is clicked
Returns to the display of the folder previously displayed
Information display area
Shooting information (p.47)
Thumbnail image display area*3
Switches between images
Number of selected images
Shows/hides the task buttons and folder area
Shows/hides the information display area

*1 The [CANON iMAGE GATEWAY] button may not be displayed depending on the area you are in.
*2 Images in folders and folders selected here are displayed on the thumbnail image display area.
*3 Images selected here are displayed on the image display area.

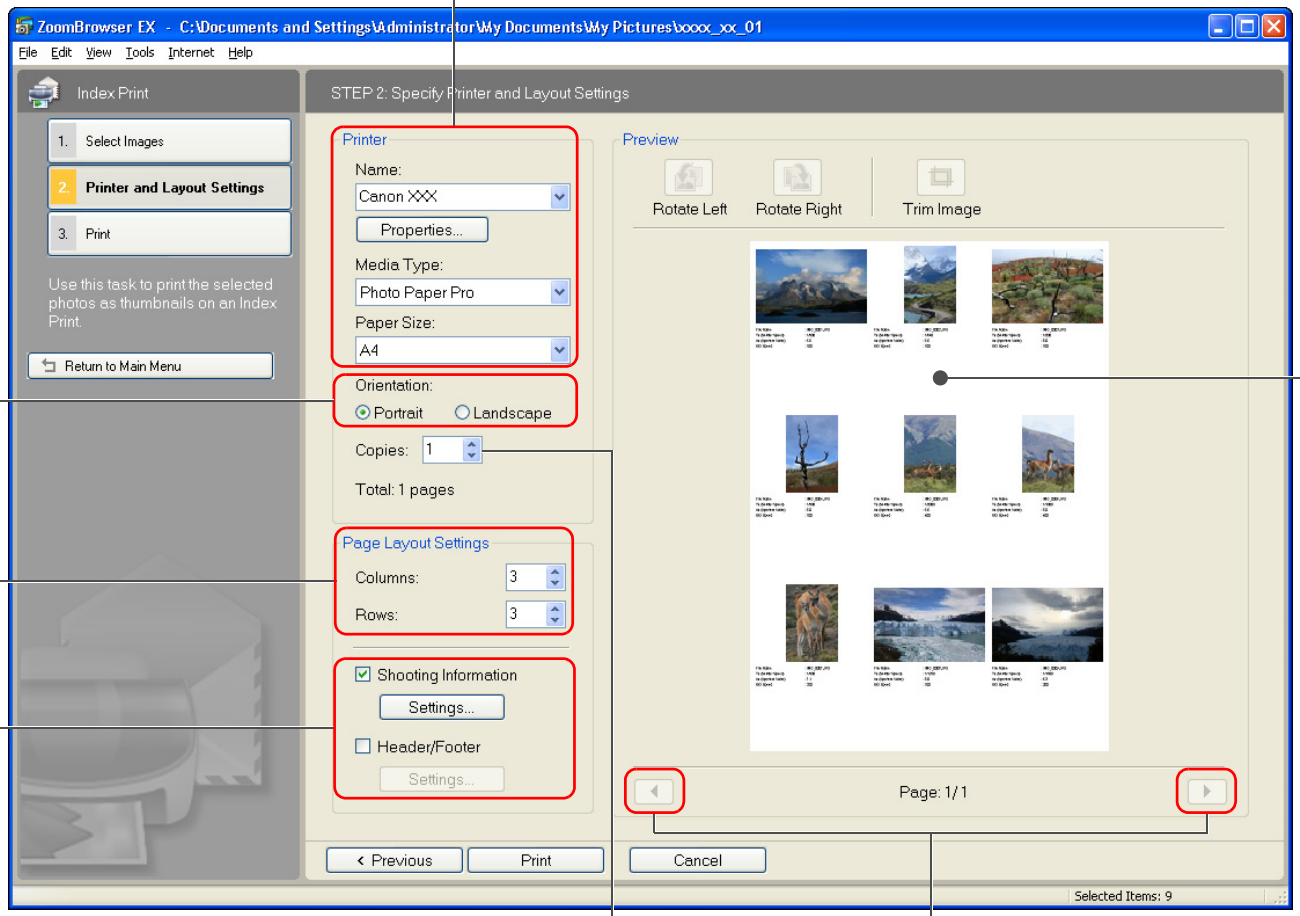
List of Viewer Window Functions



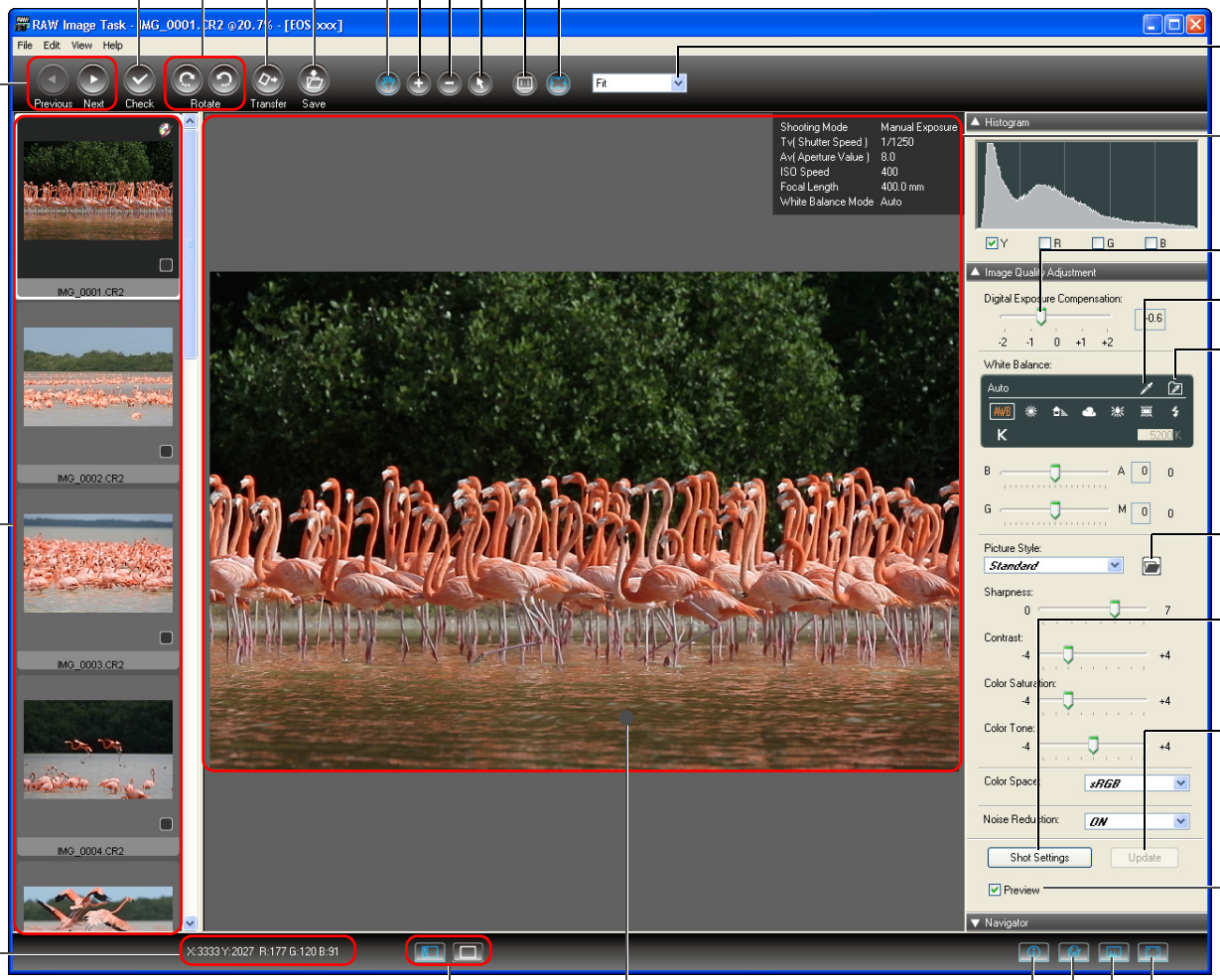
List of Photo Print Window Functions



List of Index Print Window Functions



List of RAW Image Task Main Window Functions


Moves the enlargement display position
Zooms in
Saves the image
Zooms out
Transfers the image to image editing software
Cancels [ ], [ ] or [ ]
Rotates the image
100% (actual pixel size) view
Sets a check mark
Fit-to-window view
Switches between displayed images
Enlargement/reduction display
Image display area
Brightness adjustment
Click white balance
Saves the set white balance as a white balance file
Thumbnail image display area
Loads a Picture Style file and applies it to the image
Cancels all settings and reverts to the status at the time of shooting
Applies and redisplays multiple adjustment settings in a single operation
Checkmark to redisplay for each adjustment made
Cursor coordinates position and RGB value (8-bit conversion)
Shows/hides the thumbnail image display area
Shows/hides the shooting information
Shows/hides the [Navigator]
Shows/hides the [Histogram]
Shows/hides the [Image Quality Adjustment]
Displays the image selected in the thumbnail image display area
Previous
Next
Check
Rotate
Transfer
Save
Fit
Histogram
Image Quality Adjustment
Navigator
Shot Settings
Update
Preview

- The settings at the time of shooting are displayed in bold and italics in the list boxes.

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